

Quick Reference Table
Cosmetic Ingredient Review - September 2020

Ingredient	Finding*	Conclusion	Citation†
1,10-Decanediol	S		Final Report 06/2018 Available from CIR
1,2-Butanediol	S		UT 31(Suppl. 2):147-168, 2012
1,2-Hexanediol	S		UT 31(Suppl. 2):147-168, 2012
1,4-Butanediol	I	The Panel also concluded that the available data are insufficient to make a determination that 1,4-Butanediol... is safe under the intended conditions of use in cosmetic formulations.	Final Report 06/2018 Available from CIR
1,4-Butanediol/Succinic Acid/Adipic Acid/HDI Copolymer	S		Final Report 06/2016 Available from CIR
1,5-Pentanediol	S		Final Report 06/2018 Available from CIR
1-Hydroxyethyl 4,5-Diamino Pyrazole Sulfate	S		Final Report 04/2016 Available from CIR
1-Naphthol	S		JACT 8(4):749-768, 1989;UT 30(Suppl. 2):73-127, 2011
10-Hydroxydecanoic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...10-Hydroxydecanoic Acid...	Final Report 04/2019 Available from CIR
10-Hydroxystearic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...10-Hydroxystearic Acid...	Final Report 04/2019 Available from CIR
2,3-Butanediol	I	The Panel also concluded that the available data are insufficient to make a determination that ... 2,3-Butanediol ... is safe under the intended conditions of use in cosmetic formulations.	Final Report 06/2018 Available from CIR
2,3-Naphthalenediol	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of 2,3-Naphthalenediol as used in cosmetics.	JACT 7(3):353-357, 1988
2,4-Diaminophenol	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that 2,4-Diaminophenol and 2,4-Diaminophenol Dihydrochloride are safe for use in hair dyes at concentrations up to 0.2% (as the free base). 2009 RE-REVIEW - The Expert Panel noted that 2,4-Diaminophenol Dihydrochloride is now termed 2,4-Diaminophenol Hydrochloride.	JACT 13(5):330-343, 1994; IUT 30(Suppl. 2):73-127, 2011
2,4-Diaminophenol Dihydrochloride	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that 2,4-Diaminophenol and 2,4-Diaminophenol Dihydrochloride are safe for use in hair dyes at concentrations up to 0.2% (as the free base). 2009 RE-REVIEW - The Expert Panel noted that 2,4-Diaminophenol Dihydrochloride is now termed 2,4-Diaminophenol Hydrochloride.	JACT 13(5):330-343, 1994; IUT 30(Suppl. 2):73-127, 2011
2,4-Diaminophenol HCl	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that 2,4-Diaminophenol and 2,4-Diaminophenol Dihydrochloride are safe for use in hair dyes at concentrations up to 0.2% (as the free base). 2009 RE-REVIEW - The Expert Panel noted that 2,4-Diaminophenol Dihydrochloride is now termed 2,4-Diaminophenol Hydrochloride.	JACT 13(5):330-343, 1994; IUT 30(Suppl. 2):73-127, 2011
2,4-Diaminophenoxyethanol Dihydrochloride	S		JACT 10(1):113-134, 1991; Final Report 12/2007 Available from CIR
2,4-Diaminophenoxyethanol HCl	S		JACT 10(1):113-134, 1991; Final Report 12/2007 Available from CIR
2,4-Diaminophenoxyethanol Sulfate	S		Final Report 12/2007 Available from CIR
2-Amino-3-Hydroxypyridine	S		IUT 39(S2):91-97,2020
2-Amino-3-Nitrophenol	S		UT 28(Suppl. 3):217-251, 2009
2-Amino-4-Hydroxyethylaminoisole	SQ	The CIR Expert Panel concluded that 2-amino-4-hydroxyethylaminoisole and 2-amino-4-hydroxyethylaminoisole sulfate are safe for use in oxidative hair dye formulations. Were the free base (2-amino-4-hydroxyethylaminoisole) to be used in the future, the expectation is that it would be used at concentrations similar to the sulfate salt. The Expert Panel cautions that these ingredients should not be used in hair dye products in which N-nitroso compounds may be formed.	IUT 32(Suppl. 1):25-35, 2013
2-Amino-4-Hydroxyethylaminoisole Sulfate	SQ	The CIR Expert Panel concluded that 2-amino-4-hydroxyethylaminoisole and 2-amino-4-hydroxyethylaminoisole sulfate are safe for use in oxidative hair dye formulations. Were the free base (2-amino-4-hydroxyethylaminoisole) to be used in the future, the expectation is that it would be used at concentrations similar to the sulfate salt. The Expert Panel cautions that these ingredients should not be used in hair dye products in which N-nitroso compounds may be formed.	IUT 32(Suppl. 1):25-35, 2013
2-Amino-4-Nitrophenol	S		UT 28(Suppl. 3):217-251, 2009
2-Amino-4-Nitrophenol Sulfate	S		UT 28(Suppl. 3):217-251, 2009
2-Amino-5-Nitrophenol	S		UT 28(Suppl. 3):217-251, 2009
2-Amino-6-Chloro-4-Nitrophenol	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that 2-Amino-6-Chloro-4-Nitrophenol and its hydrochloride salt are safe for use in hair dye formulations at concentrations of up to 2.0%. The CIR Expert Panel re-affirmed the above conclusion on December 2012.	IUT 16(S1):131-143, 1997; IUT 36(Suppl 2):14-58, 2017
2-Amino-6-Chloro-4-Nitrophenol Hydrochloride	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that 2-Amino-6-Chloro-4-Nitrophenol and its hydrochloride salt are safe for use in hair dye formulations at concentrations of up to 2.0%.	IUT 16(S1):131-143, 1997
2-Bromo-2-Nitropropane-1,3-Diol	SQ	The evidence at hand indicates 2-Bromo-2-Nitropropane-1,3-Diol to be safe as a cosmetic ingredient at concentrations up to and including 0.1 percent except under circumstances where its action with amines or amides can result in the formation of nitrosamines or nitrosamides.	JEPT 4(4):47-61, 1980; JACT 3(3):139-155, 1984; IUT 25(Suppl. 2) :1-89,2006
2-Chloro-p-Phenylenediamine	S		JACT 11(4):521-530, 1992; IUT 30(Suppl. 2):73-127, 2011
2-Chloro-p-Phenylenediamine Sulfate	S		JACT 11(4):521-530, 1992; IUT 30(Suppl. 2):73-127, 2011
2-Ethoxy Ethoxy Ethyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that 2-Ethoxy Ethoxy Ethyl Methacrylate ... is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IUT 24(Suppl 5):53-100, 2005
2-Methyl-5-Hydroxyethylaminophenol	S		JACT 9(2):185-202, 1990; IUT 27(Suppl. 1):77-142, 2008
2-Methylresorcinol	S		JACT 5(3):167-203, 1986; IUT 27(Suppl. 1):77-142, 2008
2-Nitro-p-Phenylenediamine	S		JACT 4(3):161-202, 1985; IUT 25(Suppl. 2) :1-89,2006
2-Oleamido-1,3-Octadecanediol	S		IUT 39(S3):5-25,2020
3-Methylamino-4-Nitrophenoxyethanol	S		IUT 27(Suppl. 2):41-51, 2008
3-Nitro-p-Hydroxyethylaminophenol	S		IUT 28(Suppl. 3):217-251, 2009
4-Amino-2-Hydroxytoluene	S		JACT 8(4):569-587, 1989; IUT 27(Suppl. 1):77-142, 2008
4-Amino-2-Nitrophenol	Z	Based on the data contained in this report, the CIR Expert Panel concludes that 2-amino-3-nitrophenol, 2-amino-4-nitrophenol,2-amino-4-nitrophenol sulfate, 2-amino-5-nitrophenol, 4-amino-3-nitrophenol, 3-nitro-p-hydroxyethylaminophenol, and 4-hydroxypropylamino-3-nitrophenol are safe as hair dye ingredients in the practices of use and concentration as described in this safety assessment, but the data are insufficient to make a determination of safety for 4-amino-2-nitrophenol.	IUT 28(Suppl. 3):217-251, 2009
4-Amino-3-Nitrophenol	S		IUT 28(Suppl. 3):217-251, 2009
4-Amino-m-Cresol	S		IUT 23 (Suppl. 2):1-22, 2004
4-Chloro-2-Aminophenol	SQ,Z		IUT 23 (Suppl. 2):1-22, 2004
4-Chlororesorcinol	S		JACT 15(4):284-294, 1996; IUT 36(Suppl 2):14-58, 2017
4-Hydroxybenzoic Acid	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %..4-Hydroxybenzoic Acid...	IUT 39(S1):5-97,2020
4-Hydroxypropylamino-3-Nitrophenol	S		IUT 28(Suppl. 3):217-251, 2009

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Ingredient	Finding ^f	Conclusion	Citation ^g
4-Methoxy-m-Phenylenediamine	U	On the basis of the information included in this report the CIR Expert Panel concludes that 4-Methoxy-m-Phenylenediamine, 4-Methoxy-m-Phenylenediamine Sulfate and 4-Methoxy-m-Phenylenediamine HCL are unsafe for use in cosmetic products.	JACT 11(4):381-422, 1992
4-Methoxy-m-Phenylenediamine Sulfate	U	On the basis of the information included in this report the CIR Expert Panel concludes that 4-Methoxy-m-Phenylenediamine, 4-Methoxy-m-Phenylenediamine Sulfate and 4-Methoxy-m-Phenylenediamine HCL are unsafe for use in cosmetic products.	JACT 11(4):381-422, 1992
4-Methoxy-m-Phenylenediamine-HCl	U	On the basis of the information included in this report the CIR Expert Panel concludes that 4-Methoxy-m-Phenylenediamine, 4-Methoxy-m-Phenylenediamine Sulfate and 4-Methoxy-m-Phenylenediamine HCL are unsafe for use in cosmetic products.	JACT 11(4):381-422, 1992
4-Nitro-m-Phenylenediamine	Z	The safety of 4-Nitro-m-Phenylenediamine has not been documented and substantiated. The CIR Expert Panel cannot conclude that this ingredient is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 11(4):489-495, 1992
4-Nitro-o-Phenylenediamine	S		JACT 4(3):161-202, 1985; IJT 25(Suppl. 2) :1-89,2006
5-Amino-4-Chloro-o-Cresol	S		UT 23 (Suppl. 2):1-22, 2004
5-Amino-6-Chloro-o-Cresol	S		UT 23 (Suppl. 2):1-22, 2004
5-Bromo-5-Nitro-1,3-Dioxane	SQ	The evidence at hand indicates 5-Bromo-5-Nitro-1,3-Dioxane to be safe as a cosmetic ingredient at concentrations up to and including 0.1 percent except under circumstances where its action with amines or amides can result in the formation of nitrosamines or nitrosamides.	JACT 9(2):279-288, 1990; IJT 30(Suppl. 2):73-127, 2011
6-Amino-m-Cresol	S		UT 23 (Suppl. 2):1-22, 2004
6-Amino-o-Cresol	SQ,Z	The CIR Expert Panel concludes that the available data support the safety of 6-Amino-m-Cresol, 4-Amino-m-Cresol, 5-Amino-4-Chloro-o-Cresol and ☐	UT 23 (Suppl. 2):1-22, 2004
6-Hydroxyindole	S		UT 33(Suppl. 3):24-35, 2014
Acacia Catechu Gum	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: Acacia Catechu Gum...	UT 24(Suppl. 3):75-118, 2005
Acacia Concinna Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Concinna Extract...	UT 24(Suppl. 3):75-118, 2005
Acacia Concinna Fruit Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Concinna Fruit Extract...	UT 24(Suppl. 3):75-118, 2005
Acacia Dealbata	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Dealbata ...	UT 24(Suppl. 3):75-118, 2005
Acacia Dealbata Extract	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Dealbata Leaf Extract...	UT 24(Suppl. 3):75-118, 2005
Acacia Dealbata Leaf Extract	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Dealbata Leaf Extract...	UT 24(Suppl. 3):75-118, 2005
Acacia Dealbata Leaf Wax	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Dealbata Leaf Wax...	UT 24(Suppl. 3):75-118, 2005
Acacia Decurrens	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Decurrens Extract...	UT 24(Suppl. 3):75-118, 2005
Acacia Decurrens Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Decurrens Extract...	UT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Farnesiana Extract...	UT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Farnesiana Extract...	UT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana Flower Wax	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Farnesiana Flower Wax...	UT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana Flower/Stem Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Farnesiana Extract...	UT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana Gum	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Farnesiana Gum...	UT 24(Suppl. 3):75-118, 2005
Acacia Senegal Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Senegal Extract.	UT 24(Suppl. 3):75-118, 2005
Acacia Senegal Flower/Stem Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Senegal Flower/Stem Extract.	UT 24(Suppl. 3):75-118, 2005
Acacia Senegal Gum	S		UT 24(Suppl. 3):75-118, 2005
Acacia Senegal Gum Extract	S		UT 24(Suppl. 3):75-118, 2005
Acetamide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Acetamide MEA	JACT 12(3):225-236, 1993; IJT 30(Suppl. 2):73-127, 2011; IJT 34(Suppl.1):18-34, 2015
Acetic Acid	S		UT 31(Suppl. 1):112-136, 2012
Acetic/Linoleic/Palmitic Triglyceride	S		Final Report 12/2017 Available from CIR
Acetyl Arginine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating... Acetyl Arginine	UT 36(Suppl. 1):17-56, 2017
Acetyl Carnitine	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acetyl Carnitine...	UT 31(Suppl. 3):296-341, 2012
Acetyl Carnitine HCl	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acetyl Carnitine HCl...	UT 31(Suppl. 3):296-341, 2012
Acetyl Cysteine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating... Acetyl Cysteine	UT 36(Suppl. 1):17-56, 2017
Acetyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Glutamic Acid	UT 36(Suppl. 1):17-56, 2017
Acetyl Glutamine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Glutamine	UT 36(Suppl. 1):17-56, 2017
Acetyl Hexapeptide-8 Amide	SQ,I	The Expert Panel for Cosmetic Ingredient Safety concluded that Acetyl Hexapeptide-8 Amide is safe in cosmetics in the present practices of use and concentration described in this safety assessment when the concentration does not exceed 0.005%, and the available data are insufficient to make a determination that Acetyl Hexapeptide-8 Amide is safe under the intended conditions of use in cosmetic formulations at concentrations > 0.005%	Final Report Available from CIR 03/2021

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Ingredient	Finding*	Conclusion	Citation†
Acetyl Histidine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Histidine	UT 36(Suppl. 1):17-56, 2017
Acetyl Methionine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Methionine	UT 36(Suppl. 1):17-56, 2017
Acetyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Proline	UT 36(Suppl. 1):17-56, 2017
Acetyl Tributyl Citrate	S		UT 21(Suppl.2):1-17, 2002
Acetyl Triethyl Citrate	S		UT 21(Suppl.2):1-17, 2002
Acetyl Trihexyl Citrate	S		UT 21(Suppl.2):1-17, 2002
Acetyl Trioctyl Citrate	S		UT 21(Suppl.2):1-17, 2002
Acetyl Tyrosine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Tyrosine	UT 36(Suppl. 1):17-56, 2017
Acetylated Lanolin	S		JEPT 4(4):63-92, 1980; UT 24(Suppl. 1):1-102, 2005
Acetylated Lanolin Alcohol	S		JEPT 4(4):63-92, 1980; UT 24(Suppl. 1):1-102, 2005
Achillea Millefolium Extract	SQ	The CIR concluded that ...Achillea Millefolium Extract is safe in the present practices of use and concentration when formulated to be non-sensitizing.	UT 20(S2):79-84, 2001; UT 35(Suppl. 3):5-15, 2016
Achillea Millefolium Flower Extract	SQ	The CIR concluded that ...Achillea Millefolium Flower Extract is safe in the present practices of use and concentration when formulated to be non-sensitizing.	UT 20(S2):79-84, 2001; UT 35(Suppl. 3):5-15, 2016
Achillea Millefolium Flower/Leaf/Stem Extract	SQ	The CIR concluded that ...Achillea Millefolium Flower/Leaf/Stem Extract is safe in the present practices of use and concentration when formulated to be non-sensitizing.	UT 20(S2):79-84, 2001; UT 35(Suppl. 3):5-15, 2016
Acid Orange 3	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Acid Orange 3 is safe for use in hair dye formulations at concentrations < 0.2%.	UT 19(S1):1-9, 2000
Acid Violet 43	S		UT 20(suppl 3):1-6, 2001;UT (suppl 2):5-15;2021
Acrylamide	SQ	The CIR Expert Panel concluded that Polyacrylamide is safe as a cosmetic ingredient in the practices of use and concentration described in this safety assessment, if the level of acrylamide monomer in formulation is not greater than 5 ppm.	UT 24(Suppl. 2):21-50, 2005
Acrylamide/Ethyltrimonium Chloride Acrylate/Ethalkonium Chloride Acrylate Copolymer	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylamide/Ethyltrimonium Chloride Acrylate/Ethalkonium Chloride Acrylate Copolymer...	UT 31(Suppl. 3):296-341, 2012
Acrylamide/Sodium Acryloyldimethyltaurate Copolymer	S		Final Report 4/2017 Available from CIR
Acrylamide/Sodium Acryloyldimethyltaurate/Acrylic Acid Copolymer	S		Final Report 4/2017 Available from CIR
Acrylamidopropyltrimonium Chloride/Acrylamide Copolymer	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylamidopropyltrimonium Chloride/Acrylamide Copolymer...	UT 31(Suppl. 3):296-341, 2012
Acrylamidopropyltrimonium Chloride/Acrylates Copolymer	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylamidopropyltrimonium Chloride/Acrylates Copolymer...	UT 31(Suppl. 3):296-341, 2012
Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Acrylates Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates Crosspolymer...	UT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Acrylates Crosspolymer-3	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates Crosspolymer-3...	Final Report 12/2018 Available from CIR
Acrylates Crosspolymer-4	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates Crosspolymer-4...	Final Report 12/2018 Available from CIR
Acrylates Crosspolymer-5	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates Crosspolymer-5...	Final Report 12/2018 Available from CIR
Acrylates/Ammonium Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates/Ammonium Methacrylate Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Acrylates/Beheneth-25 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates/Beheneth-25 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Beheneth-25 Methacrylate/Steareth-30 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates/Beheneth-25 Methacrylate/Steareth-30 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Bis-Hydroxypropyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates/C10-30 Alkyl Acrylate Crosspolymer...	UT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Acrylates/C10-30 Alkyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates/C10-30 Alkyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/C12-13 Alkyl Methacrylates/Methoxyethyl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the cross-linked alkyl acrylates are safe in the present practices of use and concentration described in this safety assessment, except when they are polymerized in benzene. Acrylates/C10-30 alkyl acrylate cross polymer may be polymerized in benzene, and the available data is insufficient to make a determination of safety for this cross-linked alkyl acrylate when it is polymerized in benzene.	UT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Acrylates/C12-22 Alkyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates/C12-22 Alkyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/C26-28 Olefin Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates/C26-28 Olefin Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/C5-8 Alkyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates/C5-8 Alkyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Ceteareth-20 Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylates/Ceteareth-20 Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR

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Acrylates/Vinyl Isodecanoate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Acrylates/Vinyl Isodecanoate Crosspolymer...	UT 36(Suppl 2):59-88, 2017; Final Report 12/2018 Available from CIR
Acrylates/Vinyl Neodecanoate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Acrylates/Vinyl Neodecanoate Crosspolymer...	UT 36(Suppl 2):59-88, 2017; Final Report 12/2018 Available from CIR
Acrylates/VP Copolymer	S		Final Report 12/2018 Available from CIR
Acrylic Acid/C12-22 Alkyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Acrylic Acid/C12-22 Alkyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylic Acid/Stearyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Acrylic Acid/Stearyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylic Acid/VP Crosspolymer	S		Final Report 12/2018 Available from CIR
Acryloyloxypropyl Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Actinidia Chinensis (Kiwi) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Adansonia Digitata Oil	S		UT 36(Suppl. 3):51-129, 2017
Adansonia Digitata Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Adansonia Digitata Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Adansonia Digitata Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Adansonia Digitata Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Adansonia Digitata Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Adenosine	S		Final Report 09/2020 Available from CIR
Adenosine Phosphate	S		Final Report 09/2020 Available from CIR
Adenosine Triphosphate	S		Final Report 09/2020 Available from CIR
Adipic Acid	S		UT 31(Suppl 1):5-76, 2012
Adipic Acid Dihydrazide	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Adipic Acid Dihydrazide as used in cosmetic products.	JACT 13(3):154-156, 1994
Adipic Acid/1,4-Butanediol/Terephthalate Copolymer	S		UT 33(Suppl. 3):36-47, 2014
Adipic Acid/CHD/MA/Neopentyl Glycol/Trimellitic Anhydride Copolymer	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following four trimellitic anhydride copolymers are safe under the intended conditions of use in cosmetic formulations...Adipic Acid/CHD/MA/Neopentyl Glycol/Trimellitic Anhydride Copolymer	UT 39(S3):74-92, 2020
Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	SQ	The CIR Expert Panel concluded that Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer ... is safe in nail product formulations in the present practices of use and concentration described in this safety assessment; the data are insufficient to make a determination of safety on the use of these ingredients in all other types of cosmetic formulations.	UT 39(S3):74-92, 2020
Agar	S		Final Report 9/2015 Available from CIR
Agarose	S		Final Report 9/2015 Available from CIR
Agarum Cribrosum Extract	S		Final Report 09/2019 Available from CIR
Ahnfeltiopsis Concinna Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Alanine	S		UT 32(Suppl. 4):41-64, 2013
Alaria Esculenta Extract	S		Final Report 09/2019 Available from CIR
Alcaligenes Polysaccharides	S		UT 35(Suppl. 1):5-49, 2016
Alcohol Denat.	UNS	The CIR Expert Panel concluded that Alcohol Denat.... denatured with t-Butyl Alcohol, Denatonium Benzoate, Diethyl Phthalate, or Methyl Alcohol are safe in the practices of use and concentration as described in this safety assessment, and, that Denatonium Benzoate is safe as a denaturant. The CIR Expert Panel concluded that the available data are insufficient to support the safety of Alcohol Denat.... denatured with Quassin, Brucine, and Brucine Sulfate in cosmetic products, and that the available data are insufficient to support the safety of Quassin, Brucine, and Brucine Sulfate as denaturants.	UT 27(Suppl. 1):1-43, 2008
Aldioxa	UNS	The safety of Aldioxa has not been documented and substantiated. The CIR Expert Panel cannot conclude that this ingredient is safe for use in cosmetic products until the appropriate safety data have been obtained and reevaluated.	JACT 12(3):237-242, 1993
Aleurites Moluccana Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Aleurites Moluccanus Bakoly Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Aleurites Moluccanus Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Algae Exopolysaccharides	S		Final Report 9/2015 Available from CIR
Algin	S		Final Report 9/2015 Available from CIR
Alginic Acid	S		Final Report 9/2015 Available from CIR
Allantoin	S		UT 29(Suppl. 2):84-97, 2010
Allantoin Ascorbate	S		UT 29(Suppl. 2):84-97, 2010
Allantoin Biotin	S		UT 29(Suppl. 2):84-97, 2010
Allantoin Galacturonic Acid	S		UT 29(Suppl. 2):84-97, 2010
Allantoin Glycyrrhetic Acid	S		UT 29(Suppl. 2):84-97, 2010
Allantoin Panthenol	S		UT 29(Suppl. 2):84-97, 2010
Allantoin Polygalacturonic Acid	S		UT 29(Suppl. 2):84-97, 2010
Allyl Methacrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the cross-linked alkyl acrylates are safe in the present practices of use and concentration described in this safety assessment, except when they are polymerized in benzene. Acrylates/C10-30 alkyl acrylate cross polymer may be polymerized in benzene, and the available data is insufficient to make a determination of safety for this cross-linked alkyl acrylate when it is polymerized in benzene.	Final Report 12/2018 Available from CIR
Allyl Methacrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Allyl Methacrylate/Glycol Dimethacrylate Crosspolymer...	UT 36(Suppl 2):59-88, 2017; Final Report 12/2018 Available from CIR
Allyl Methacrylates Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Allyl Methacrylates Crosspolymer...	UT 36(Suppl 2):59-88, 2017; Final Report 12/2018 Available from CIR
Almond Meal	S		JACT 2(5):85-99, 1983; UT 24(Suppl. 1):1-102, 2005
Almond Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Almond Oil PEG-6 Esters...	UT 33(Suppl 4):13-39, 2014
Almond Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Almond Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
Almond Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Almond Oil Propylene Glycol Esters....	Final Report 12/2014 Available from CIR
Almond Oil/Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Almond Oil/Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Almondamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Almondamide DEA...	UT 32(Suppl. 1):36-58, 2013
Almondamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Almondamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Almondamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Almondamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Aloe Andongensis Extract	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Andongensis Leaf Extract	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Andongensis Leaf Juice	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Arborescens Leaf Extract	UNS	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Arborescens Leaf Juice	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Arborescens Leaf Protoplasts	UNS	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Barbadensis Flower Extract	SQ	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Barbadensis Leaf	SQ	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Barbadensis Leaf Extract	SQ	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007

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Ingredient	Finding†	Conclusion	Citation‡
Aloe Barbadensis Leaf Juice	SQ	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Barbadensis Leaf Polysaccharides	SQ	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Barbadensis Leaf Water	SQ	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Ferox Leaf Extract	UNS	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Ferox Leaf Juice	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Aloe Ferox Leaf Juice Extract	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	UT 26(Suppl. 2):1-50, 2007
Alumina	S		UT 35(Suppl. 3):16-33, 2016
Alumina Magnesium Metasilicate	S		Final Report 9/2009 Available from CIR
Aluminium Silicate	S		UT 22(Suppl. 1):37-102, 2003
Aluminum Calcium Sodium Silicate	S		Final Report 9/2009 Available from CIR
Aluminum Citrate	S		UT 33(Suppl.2):16-46, 2014
Aluminum Diinoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Diinoleate...	Final Report 04/2019 Available from CIR
Aluminum Dimyristate	S		UT 29(Suppl. 3):162-186,2010
Aluminum Distearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Distearate...	JACT 1(2):143-177, 1982;JUT 22(Suppl. 1):1-35, 2003;Final Report 04/2019 Available from CIR
Aluminum Hydroxide	S		UT 35(Suppl. 3):16-33, 2016
Aluminum Iron Silicates	S		Final Report 9/2009 Available from CIR
Aluminum Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearate...	Final Report 04/2019 Available from CIR
Aluminum Isostearates/Laurates/Palmitates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearates/Laurates/Palmitates...	Final Report 04/2019 Available from CIR
Aluminum Isostearates/Laurates/Stearates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearates/Laurates/Stearates...	Final Report 04/2019 Available from CIR
Aluminum Isostearates/Myristates	S		UT 29(Suppl. 3):162-186,2010
Aluminum Isostearates/Palmitates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearates/Palmitates...	Final Report 04/2019 Available from CIR
Aluminum Isostearates/Stearates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearates/Stearates....	Final Report 04/2019 Available from CIR
Aluminum Lanolate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Lanolate...	Final Report 04/2019 Available from CIR
Aluminum Myristate	S		UT 29(Suppl. 3):162-186,2010
Aluminum Myristates/Palmitates	S		UT 29(Suppl. 3):162-186,2010
Aluminum Starch Octenylsuccinate	SQ	Based on the available data, the CIR Expert Panel concludes that Aluminum Starch Octenylsuccinate is safe as used in cosmetic formulations provided that established limitations imposed on heavy metal concentrations are not exceeded.	UT 21(Suppl 1):1-7, 2002
Aluminum Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Stearate...	JACT 1(2):143-177, 1982;JUT 22(Suppl. 1):1-35, 2003;Final Report 04/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Aluminum Stearates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Stearates...	JACT 1(2):143-177, 1982;JIT 22(Suppl. 1):1-35, 2003;Final Report 04/2019 Available from CIR
Aluminum Tristearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Tristearate...	JACT 1(2):143-177, 1982;JIT 22(Suppl. 1):1-35, 2003;Final Report 04/2019 Available from CIR
Amaranthus Hypochondriacus Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Amino Bispropyl Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003
Aminoethyl Propanediol	S		Final Report 9/2013 Available from CIR
Aminomethyl Propanediol	S		JACT 9(2):203-228, 1990;JIT 28(Suppl. 2):141-161, 2009;Final Report 9/2013 Available from CIR
Aminomethyl Propanol	S		JACT 9(2):203-228, 1990; JIT 28(Suppl. 2):141-161, 2009
Aminomethylpropanediol	S		JACT 9(2):203-228, 1990;JIT 28(Suppl. 2):141-161, 2009;Final Report 9/2013 Available from CIR
Aminomethylpropanol	S		JACT 9(2):203-228, 1990; JIT 28(Suppl. 2):141-161, 2009
Aminopropyl Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003
Ammonia	SQ	The CIR Expert Panel concluded that Ammonia and Ammonium Hydroxide are safe as used in hair dyes and colors and safe in cosmetics applied directly to the skin in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating.	Final Report 12/2017 Available from CIR
Ammonium Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Acrylates Copolymer...	IJT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Ammonium Acrylates/Ethylhexyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Acrylates/Ethylhexyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Ammonium Acrylates/Methyl Styrene/Styrene Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Acrylates/Methyl Styrene/Styrene Copolymer...	Final Report 12/2018 Available from CIR
Ammonium Acryloyldimethyltaurate/Beheneth-25 Methacrylate Crosspolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Carboxyethyl Acrylate Crosspolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Laureth-7 Methacrylate Copolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Steareth-25 Methacrylate Crosspolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Steareth-8 Methacrylate Copolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Vinyl Formamide Copolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/VP Copolymer	S		Final Report 4/2017 Available from CIR
Ammonium Alginate	S		Final Report 9/2015 Available from CIR
Ammonium Bicarbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Ammonium Bicarbonate...	Final Report 12/2016 Available from CIR
Ammonium Bisulfite	S		IJT 22(Suppl. 2):63-88, 2003
Ammonium C12-15 Pareth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Ammonium Capryleth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Ammonium Carbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Ammonium Carbonate...	Final Report 12/2016 Available from CIR
Ammonium Caseinate	S		Final Report 9/2017 Available from CIR
Ammonium Coco-Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Ammonium Cocomonoglyceride Sulfate	S		IJT 30(Suppl. 1):5-16, 2011
Ammonium Cocoyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be nonirritating...Ammonium Cocoyl Isethionate...	IJT 36(Suppl. 1):5-16, 2017
Ammonium Cocoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Ammonium Cocoyl Sarcosinate...	IJT 20(S1):1-14, 2001;JIT 40(S2):117-133,2021
Ammonium Cumenesulfonate	SQ	Ammonium Cumenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Ammonium Dinonyl Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Ammonium Dinonyl Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Ammonium Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, Isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010
Ammonium Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Ammonium Glycolate...	IJT 17(S1):1-241, 1998; JIT 36(Suppl 2):14-58, 2017
Ammonium Glycyrrhizate	S		IJT 26(Suppl. 2):79-112, 2007
Ammonium Hydrolyzed Collagen	S		Final Report 9/2017 Available from CIR
Ammonium Hydroxide	SQ	The CIR Expert Panel concluded that Ammonia and Ammonium Hydroxide are safe as used in hair dyes and colors and safe in cosmetics applied directly to the skin in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating.	Final Report 12/2017 Available from CIR
Ammonium Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Ammonium Isostearate...	Final Report 04/2019 Available from CIR
Ammonium Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Ammonium Lactate...	IJT 17(S1):1-241, 1998; JIT 36(Suppl 2):14-58, 2017

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Ingredient	Finding†	Conclusion	Citation‡
Ammonium Laureth Sulfate	S		UT 29(Suppl. 3) :151-161,2010; UT 24(Suppl. 1):1-102, 2005; JACT 2(5):1-34, 1983
Ammonium Lauroyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Ammonium Lauroyl Sarcosinate...	UT 20(S1):1-14, 2001;UT 40(S2):117-133,2021
Ammonium Lauryl Sulfate	SQ	Sodium Lauryl Sulfate and Ammonium Lauryl Sulfate appear to be safe in formulations designed for discontinuous, brief use followed by thorough rinsing from the surface of the skin. In products intended for prolonged contact with skin, concentrations should not exceed 1%.	JACT 2(7):127-181, 1983; UT 24(Suppl. 1):1-102, 2005
Ammonium Myreth Sulfate	S		UT 29(Suppl. 3) :151-161,2010
Ammonium Myristyl Sulfate	S		UT 29(Suppl. 2):115-132, 2010
Ammonium Oleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Ammonium Oleate...	Final Report 04/2019 Available from CIR
Ammonium Persulfate	SQ; I	The CIR Expert Panel concluded that Ammonium, Potassium, and Sodium Persulfate are safe as used as oxidizing agents in hair colorants and hair lighteners designed for brief discontinuous use followed by thorough rinsing from the hair and skin. The Panel also concluded that the available data are insufficient for determining the safety of these persulfates in leave-on products and dentifrices.	UT 20(suppl 3):7-21, 2001;Final Report 12/2017 Available from CIR
Ammonium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Ammonium Phosphate...	UT 40(S1):34-85,2021
Ammonium Phosphatidyl Rapeseedate	S		UT 39(S2):5-25,2020
Ammonium Polyacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Polyacrylate...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Ammonium Polycryloyldimethyl Taurate	S		Final Report 4/2017 Available from CIR
Ammonium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Ammonium Stearate...	JACT 1(2):143-177, 1982;UT 22(Suppl. 1):1-35, 2003;Final Report 04/2019 Available from CIR
Ammonium Styrene/Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Styrene/Acrylates Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Ammonium Styrene/Acrylates/Ethylhexyl Acrylate/Lauryl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Styrene/Acrylates/Ethylhexyl Acrylate/Lauryl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Ammonium Sulfite	S		UT 22(Suppl. 2):63-88, 2003
Ammonium Tallate	S		UT 28(Suppl. 3):252-258, 2009
Ammonium Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Ammonium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	JACT 10(1):135-192, 1991; UT 28(Suppl. 1):68-133, 2009
Ammonium VA/Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium VA/Acrylates Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Ammonium Xylenesulfonate	SQ	Ammonium Xylenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	UT 30(Suppl. 3):270-283, 2011
Amodimethicone	S		UT 22(Suppl. 2):11-35, 2003
Amodimethicone Hydroxystearate	S		UT 22(Suppl. 2):11-35, 2003
AMP-Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...AMP-Acrylates Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Amyl Acetate	S		JACT 7(6):703-719, 1988
Amyl Benzoate	S		UT 31(Suppl.3):342-372, 2012
Amyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Amyl Salicylate...	Final Report 04/2019 Available from CIR
Amylodextrin	S		Final Report 9/2015 Available from CIR
Amylopectin	S		Final Report 9/2015 Available from CIR
Amylose	S		Final Report 9/2015 Available from CIR
Anacardium Occidentale (Cashew) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Anhydrogalactose	S		Final Report Available from CIR 09/2021
Anhydroglucitol	S		Final Report Available from CIR 09/2021
Anhydroxyitol	S		Final Report Available from CIR 09/2021
Anthemis Nobilis Flower Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe the present practices of use and concentration, described in this safety assessment, when formulated to be non-sensitizing...Anthemis Nobilis Flower Extract...	UT 36(Suppl. 1):57-66, 2017
Anthemis Nobilis Flower Oil	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe the present practices of use and concentration, described in this safety assessment, when formulated to be non-sensitizing...Anthemis Nobilis Flower Oil...	UT 36(Suppl. 1):57-66, 2017
Anthemis Nobilis Flower Powder	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe the present practices of use and concentration, described in this safety assessment, when formulated to be non-sensitizing...Anthemis Nobilis Flower Powder...	UT 36(Suppl. 1):57-66, 2017
Anthemis Nobilis Flower Water	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe the present practices of use and concentration, described in this safety assessment, when formulated to be non-sensitizing...Anthemis Nobilis Flower Water...	UT 36(Suppl. 1):57-66, 2017
Aphanathece Sacrum Polysaccharide	S		Final Report 9/2015 Available from CIR
Apricot Kernel Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Apricot Kernel Oil PEG-40 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Apricot Kernel Oil PEG-40 Esters...	UT 33(Suppl 4):13-39, 2014
Apricot Kernel Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Apricot Kernel Oil PEG-6 Esters...	UT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
Apricot Kernel Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Apricot Kernel Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Apricot Kernel Oil Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Apricot Kernel Oil Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Apricot Kernel Oil Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Apricot Kernel Oil Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Apricot Kernel Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Apricot Kernel Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Apricot Kernel Oil Polyglyceryl-5 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Apricot Kernel Oil Polyglyceryl-5 Esters...	Final Report 9/2016 Available from CIR
Apricot Kernel Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Apricot Kernel Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Apricot Kernel Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Apricot Kernel Oil Propylene Glycol Esters...	Final Report 12/2014 Available from CIR
Apricotamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Apricotamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Apricotamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Apricotamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Arabinose	S		Final Report Available from CIR 09/2021
Arabinosylxylan	S		Final Report 9/2015 Available from CIR
Arachideth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Arachideth-20...	IJT 31(Suppl. 2):169-244, 2012
Arachidic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Arachidic Acid...	Final Report 04/2019 Available from CIR
Arachidonic Acid	UNS	The safety of this ingredient has not been documented and substantiated for cosmetic product use. The CIR Expert Panel cannot conclude whether Arachidonic Acid is safe for use in cosmetic products until such time that the appropriate safety data have been obtained and evaluated.	JACT 12(5):481-506, 1993; JACT 12(5):507-559, 1993;
Arachidyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Arachidyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Arachidyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Arachidyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Arachidyl Glycol	S		IJT 31(Suppl. 2):147-168, 2012
Arachidyl Propionate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 9(2):143-152, 1990; IJT 27(Suppl. 1):77-142, 2008; IJT 34(Suppl.2):5-69, 2015
Arachis Hypogaea (Peanut) Flour	Z	Based on the available data, the CIR Expert Panel concludes that Peanut (Arachis Hypogaea) Oil, Hydrogenated Peanut Oil, Peanut Acid, and Peanut Glycerides are safe for use in cosmetic formulations. The available data are insufficient to support the safety of Peanut (Arachis Hypogaea) Flour for use in cosmetic products.	IJT 20(S2):65-77, 2001
Arachis Hypogaea (Peanut) Oil	S		IJT 20(S2):65-77, 2001; IJT 36(Suppl. 3):51-129, 2017
Arctium Lappa Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Argan Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Argan Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Argan Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Argan Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Argania Spinosa Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Arginine	S		IJT 32(Suppl. 4):41-64, 2013
Arginine HCl	S		IJT 32(Suppl. 4):41-64, 2013
Arnica Montana	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Arnica Montana Extract and Arnica Montana for use in cosmetic products.	IJT 20(S2):1-11, 2001
Arnica Montana Flower Extract	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Arnica Montana Extract and Arnica Montana for use in cosmetic products.	IJT 20(S2):1-11, 2001
Ascophyllum Nodosum	S		Final Report 09/2019 Available from CIR
Ascophyllum Nodosum Extract	S		Final Report 09/2019 Available from CIR
Ascophyllum Nodosum Powder	S		Final Report 09/2019 Available from CIR
Ascorbyl Dipalmitate	S		IJT 18(S3):1-26, 1999; Final Report 6/2017 Available from CIR
Ascorbyl Glucoside	S		Final Report 09/2020 Available from CIR
Ascorbyl Isostearate	S		Final Report 6/2017 Available from CIR
Ascorbyl Linoleate	S		Final Report 6/2017 Available from CIR
Ascorbyl Palmitate	S		IJT 18(S3):1-26, 1999; Final Report 6/2017 Available from CIR
Ascorbyl Stearate	S		IJT 18(S3):1-26, 1999; Final Report 6/2017 Available from CIR
Ascorbyl Tetraisopalmitate	S		Final Report 6/2017 Available from CIR
Ascorbyl Tocopheryl Acetate	S		Final Report 3/2014 Available from CIR
Ascorbyl Tocopheryl Maleate	S		Final Report 3/2014 Available from CIR
Asparagine	S		IJT 32(Suppl. 4):41-64, 2013
Asparagopsis Armata Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Aspartic Acid	S		IJT 32(Suppl. 4):41-64, 2013
Astragalus Gummifer Gum	S		JACT 6(1):1-22, 1987; IJT 25(Suppl. 2) :1-89,2006; Final Report 9/2015 Available from CIR

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Astrocarium Murumuru Seed Butter	S		UT 36(Suppl. 3):51-129, 2017
Astrocarium Vulgare Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. <i>Astrocarium Vulgare Oil Polyglyceryl-6 Esters...</i>	Final Report 9/2016 Available from CIR
Atelocollagen	S		Final Report 9/2017 Available from CIR
Attapuligite	S		UT 22(Suppl. 1):37-102, 2003
Avena Sativa (Oat) Bran	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Bran...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Bran Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Bran Extract...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Flower/Leaf/Stem Juice	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Flower/Leaf/Stem Juice...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Kernel Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Kernel Extract...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Kernel Flour	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Kernel Flour...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Kernel Meal	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Kernel Meal...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Kernel Oil	S		UT 36(Suppl. 3):51-129, 2017
Avena Sativa (Oat) Kernel Protein	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Kernel Protein...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Leaf Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Leaf Extract...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Leaf/Stalk Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Leaf/Stalk Extract...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Leaf/Stem Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Leaf/Stem Extract...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Meal Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Meal Extract...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Meristem Cell Extract	Z		UT 38(S3):23-47,2019
Avena Sativa (Oat) Peptide	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Peptide...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Protein Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Protein Extract...</i>	UT 38(S3):23-47,2019
Avena Sativa (Oat) Seed Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract... <i>Avena Sativa (Oat) Seed Extract...</i>	UT 38(S3):23-47,2019

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Ingredient	Finding†	Conclusion	Citation‡
Avena Sativa (Oat) Seed Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Seed Water...	UT 38(S3):23-47,2019
Avena Sativa (Oat) Sprout Oil	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Sprout Oil...	UT 38(S3):23-47,2019
Avena Sativa (Oat) Starch	S		Final Report 9/2015 Available from CIR
Avena Sativa (Oat) Straw Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Straw Extract...	UT 38(S3):23-47,2019
Avocamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Avocamide DEA...	UT 32(Suppl. 1):36-58, 2013
Avocamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Avocamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Avocamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Avocamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Avocado Oil	S		JEPT 4(4):93-103, 1980;UT 22(Suppl. 1):1-35, 2003;UT 36(Suppl. 3):51-129, 2017
Avocado Oil PEG-11 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Avocado Oil PEG-11 Esters...	UT 33(Suppl 4):13-39, 2014
Avocado Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Avocado Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Avocado Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Avocado Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Avocado Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Avocado Oil Propylene Glycol Esters...	Final Report 12/2014 Available from CIR
Azelaic Acid	S		UT 31(Suppl 1):5-76, 2012
Azelamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Azelaic Acid MEA...	UT 34(Suppl.1):18-34, 2015
Azulene	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Azulene for use in cosmetic products.	UT 18(S3):27-32, 1999
Babassu Acid	S		UT 36(Suppl. 3):51-129, 2017
Babassu Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Babassu Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Babassu Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Babassu Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Babassuamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Babassuamide DEA...	UT 32(Suppl. 1):36-58, 2013
Babassuamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Babassuamide MEA...	UT 34(Suppl.1):18-34, 2015
Babassuamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Babassuamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Babassuamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Babassuamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Barium Sulfate	SQ	The CIR Expert Panel concluded that barium sulfate is safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating.	Final Report 6/2014 Available from CIR
Basic Blue 99	S		UT 26(Suppl. 2):51-63, 2007
Basic Brown 17	SQ;I	The Expert Panel for Cosmetic Ingredient Safety concluded that Basic Brown 17 is safe in the present practices of use and concentration described in this safety assessment for use in hair dye products, and that the available data are insufficient to make a determination that Basic Brown 17 is safe under the intended conditions of use in other types of cosmetic products.	Final Report Available from CIR 03/2021
Basic Red 76	S		Final Report 06/2019 Available from CIR
Basic Violet 1	Z	The CIR Expert Panel concluded that the data available on Basic Violet 1, Basic Violet 3, and Basic Violet 4 are insufficient to support the safety of these hair dye ingredients as used in cosmetic formulations.	UT 28(Suppl. 3):193-204, 2009
Basic Violet 3	Z	The CIR Expert Panel concluded that the data available on Basic Violet 1, Basic Violet 3, and Basic Violet 4 are insufficient to support the safety of these hair dye ingredients as used in cosmetic formulations.	UT 28(Suppl. 3):193-204, 2009

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Ingredient	Finding†	Conclusion	Citation‡
Basic Violet 4	Z	The CIR Expert Panel concluded that the data available on Basic Violet 1, Basic Violet 3, and Basic Violet 4 are insufficient to support the safety of these hair dye ingredients as used in cosmetic formulations.	UT 28(Suppl. 3):193-204, 2009
Bassia Butyracea Seed Butter	S		UT 36(Suppl. 3):51-129, 2017
Bassia Latifolia Seed Butter	S		UT 36(Suppl. 3):51-129, 2017
Batyl Alcohol	S		UT 32(Suppl. 3):5-21, 2013
Batyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Batyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Beeswax	S		JACT 3(3):1-41, 1984; UT 24(Suppl. 1):1-102, 2005
Beeswax Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Beeswax Acid...	Final Report 04/2019 Available from CIR
Behenamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Behenamide DEA...	UT 32(Suppl. 1):36-58, 2013
Behenamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Behenamide MEA...	UT 34(Suppl.1):18-34, 2015
Behenamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Behenamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Behenamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Behenamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Beheneth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-10...	UT 31(Suppl. 2):169-244, 2012
Beheneth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-15...	UT 31(Suppl. 2):169-244, 2012
Beheneth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-2...	UT 31(Suppl. 2):169-244, 2012
Beheneth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-20...	UT 31(Suppl. 2):169-244, 2012
Beheneth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-25...	UT 31(Suppl. 2):169-244, 2012
Beheneth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-30...	UT 31(Suppl. 2):169-244, 2012
Beheneth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-5...	UT 31(Suppl. 2):169-244, 2012
Behenic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Behenic Acid...	Final Report 04/2019 Available from CIR
Behenoxy Dimethicone	S		UT 22(Suppl. 2):11-35, 2003;Final Report 12/2014 Available from CIR
Behenoxy PEG-10 Dimethicone	S		Final Report 12/2014 Available from CIR
Behenrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Behenrimonium Chloride...	UT 31(Suppl. 3):296-341, 2012
Behenrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Behenrimonium Methosulfate...	UT 31(Suppl. 3):296-341, 2012
Behenyl Alcohol	S		JACT 7(3):359-413, 1988; UT 27(Suppl. 1):77-142, 2008
Behenyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Behenyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Behenyl Benzoate	S		UT 31(Suppl.3):342-372, 2012
Behenyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Behenyl Betaine...	Final Report 3/2014 Available from CIR
Behenyl Dimethicone/Bis-Vinyldimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Behenyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Behenyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation‡
Behenyl Methacrylate/Perfluorooctylethyl Methacrylate Copolymer	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment. Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Behenyl Methacrylate/t-Butyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Behenyl Methacrylate/t-Butyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Behenyl Olivat	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Behenyl/Isostearyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Bentonite	S		IJT 22(Suppl. 1):37-102, 2003
Benzaldehyde	S		IJT 25(Suppl. 1):11-27, 2006
Benzalkonium Chloride	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Benzalkonium Chloride, at concentrations up to 0.1% free, active ingredient, is safe as a cosmetic ingredient as presently used. Note: In 2006, the CIR Expert Panel considered available new data on this ingredient and confirmed the above conclusion.	JACT 8(4):589-625, 1989; IJT 27(Suppl. 1):77-142, 2008
Benzalkonium Montmorillonite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Benzalkonium Montmorillonite...	Final Report 4/2016 Available from CIR
Benzalkonium Sepiolite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Benzalkonium Sepiolite...	Final Report 4/2016 Available from CIR
Benzethonium Chloride	SQ	On the basis of the available animal and clinical data, the Expert Panel concludes that Benzethonium Chloride and Methylbenzethonium Chloride are safe at concentrations of 0.5 percent in cosmetics applied to the skin. A maximum concentration of 0.02 percent is safe for cosmetics used in the eye area. Note: FDA has prohibited the use of Methylene Chloride in cosmetic products, action which supercedes this CIR conclusion (21CFR700.19).	JACT 4(5):65-106, 1985; IJT 25(Suppl. 2):1-89,2006
Benzoic Acid	S		IJT 20(suppl 3):23-50, 2001; IJT 36(Suppl. 3):5-30, 2017
Benzophenone-1	S		JACT 2(5):35-77, 1983; IJT 24(Suppl. 1):1-102, 2005
Benzophenone-1	S		JACT 2(5):35-77, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report Available from CIR 03/2021
Benzophenone-10	S		Final Report Available from CIR 03/2021
Benzophenone-11	S		JACT 2(5):35-77, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report Available from CIR 03/2021
Benzophenone-11	S		JACT 2(5):35-77, 1983; IJT 24(Suppl. 1):1-102, 2005
Benzophenone-12	S		Final Report Available from CIR 03/2021
Benzophenone-2	S		JACT 2(5):35-77, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report Available from CIR 03/2021
Benzophenone-2	S		JACT 2(5):79-84, 1983; IJT 24(Suppl. 1):1-102, 2005
Benzophenone-3	S		JACT 2(5):35-77, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report Available from CIR 03/2021
Benzophenone-3	S		JACT 2(5):35-77, 1983; IJT 24(Suppl. 1):1-102, 2005
Benzophenone-4	S		JACT 2(5):35-77, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report Available from CIR 03/2021
Benzophenone-4	S		JACT 2(5):35-77, 1983; IJT 24(Suppl. 1):1-102, 2005
Benzophenone-5	S		JACT 2(5):35-77, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report Available from CIR 03/2021
Benzophenone-5	S		JACT 2(5):35-77, 1983; IJT 24(Suppl. 1):1-102, 2005
Benzophenone-6	S		JACT 2(5):35-77, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report Available from CIR 03/2021
Benzophenone-6	S		JACT 2(5):79-84, 1983; IJT 24(Suppl. 1):1-102, 2005
Benzophenone-8	S		JACT 2(5):35-77, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report Available from CIR 03/2021
Benzophenone-8	S		JACT 2(5):35-77, 1983; IJT 24(Suppl. 1):1-102, 2005
Benzophenone-9	S		JACT 2(5):35-77, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report Available from CIR 03/2021
Benzophenone-9	S		JACT 2(5):35-77, 1983; IJT 24(Suppl. 1):1-102, 2005
Benzoquinone	Z	The safety of Benzoquinone has not been documented and substantiated. The CIR Expert Panel cannot conclude that this ingredient is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	IJT 16(51):117-122, 1997
Benzyl Alcohol	S		IJT 20(suppl 3):23-50, 2001; IJT 36(Suppl. 3):5-30, 2017
Benzyl Benzoate	S		IJT 36(Suppl. 3):5-30, 2017
Benzyl Salicylate	SQ	The CIR Expert Panel concluded that Benzyl Salicylate is safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA).	Final Report 04/2019 Available from CIR
Benzylparaben	I	The CIR Expert Panel also concluded that the available data are insufficient to support a conclusion of safety for Benzylparaben in cosmetics.	JACT 5(5):301-307, 1986;IJT 27 (Suppl. 4):1-82, 2008;IJT 39(Suppl. 1):5-97, 2020
Bertholletia Excelsa Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Bertholletia Excelsa Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Bertholletia Excelsa Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Bertholletia Excelsa Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Bertholletia Excelsa Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Beta-Alanine Diacetic Acid	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination that Beta-Alanine Diacetic Acid is safe under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR
Beta-Glucan	S		IJT 35(Suppl. 1):5-49, 2016
Beta-Glucan Hydroxypropyltrimonium Chloride	S		IJT 35(Suppl. 1):5-49, 2016
Beta-Glucan Palmitate	S		IJT 35(Suppl. 1):5-49, 2016
Beta-Sitosterol	S		Final Report 12/2013 Available from CIR
Beta-Sitosterol Acetate	S		Final Report 12/2013 Available from CIR
Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Betaine...	Final Report 3/2014 Available from CIR

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Ingredient	Finding*	Conclusion	Citation†
		The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	
Betaphycus Gelatinum Extract	I		Final Report Available from CIR 09/2021
BHA	S		JACT 3(5):83-146, 1984; UT 25(Suppl. 2) :1-89,2006
BHT	S		UT 21(Suppl.2):19-94, 2002
Biosaccharide Gum-1	S		UT 35(Suppl. 1):5-49, 2016
Biosaccharide Gum-2	S		UT 35(Suppl. 1):5-49, 2016
Biosaccharide Gum-3	S		UT 35(Suppl. 1):5-49, 2016
Biosaccharide Gum-4	S		UT 35(Suppl. 1):5-49, 2016
Biosaccharide Gum-5	S		UT 35(Suppl. 1):5-49, 2016
Biotin	S		UT 20(suppl 4):1-12, 2001
Bis(Tripeptide-1) Copper Acetate	S		Final Report 06/10/2014 Available from CIR
Bis-C16-20 Isoalkoxy TMHDI/PEG-90 Copolymer	S		Final Report 06/2016 available from CIR
Bis-Cetyl/PEG-8 Cetyl PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Diglyceryl Polyacrylate-1	S		UT 32(Suppl. 3):56-64, 2013
Bis-Diglyceryl Polyacrylate-2	S		UT 32(Suppl. 3):56-64, 2013
Bis-Hydroxyethoxypropyl Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Hydroxyethyl Acrylate Poly(1,4-Butanediol)-9/TMHDI Copolymer	S		Final Report 06/2016 available from CIR
Bis-Isobutyl PEG-13/Dimethicone Copolymer	S		Final Report 12/2014 Available from CIR
Bis-Isobutyl PEG-24/PPG-7/Dimethicone Copolymer	S		Final Report 12/2014 Available from CIR
Bis-Isobutyl PEG/PPG-10/7/Dimethicone Copolymer	S		Final Report 12/2014 Available from CIR
Bis-Isostearyl 1,4-Butanediol/HD/Hydrogenated Dimer Dilinoleyl Alcohol Copolymer	S		Final Report 06/2016 available from CIR
Bis-Isostearyl 1,4-Butanediol/HDI/Hydrogenated Dimer Dilinoleyl Alcohol Copolymer	S		Final Report 06/2016 available from CIR
Bis-Lauryl Cocaminopropylamine/HDI/PEG-100 Copolymer	S		Final Report 06/2016 available from CIR
Bis-Methoxy PEG-10 Dimethyl MEA/HDI/Bis-PEG-10 Dimethicone Copolymer	S		Final Report 06/2016 available from CIR
Bis-PEG-1 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-10 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-12 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-12 Dimethicone Beeswax	S		Final Report 12/2014 Available from CIR
Bis-PEG-12 Dimethicone Candelillate	S		Final Report 12/2014 Available from CIR
Bis-PEG-15 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-20 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-4 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-8 PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-14/14 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-15/5 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-16/16 PEG/PPG-16/16 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-18/6 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-20/20 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Phenylisopropyl Phenylisopropyl Dimethicone/Vinyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
		The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Bis-Propylheptyl Carbonate...	
Bis-Propylheptyl Carbonate	SQ		Final Report 12/2016 Available from CIR
Bis-Stearoxy Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Stearoxydimethylsilane	S		Final Report 12/2016 Available from CIR
Bis-Stearoxyethyl Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Vinyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Bis-Vinyl Dimethicone/Bis-Isobutyl PPG-20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Bis-Vinyl Dimethicone/PEG-10 Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Bis-Vinyl Dimethicone/PPG-20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Bisabolol	S		UT 18(S3):33-40, 1999; UT 36(Suppl 2):14-58, 2017
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Borage Seed Oil PEG-8 Esters...	
Borage Seed Oil PEG-8 Esters	SQ		UT 33(Suppl 4):13-39, 2014
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Borage Seed Oil Polyglyceryl-4 Esters...	
Borage Seed Oil Polyglyceryl-4 Esters	SQ		Final Report 9/2016 Available from CIR
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Borage Seed Oil Polyglyceryl-6 Esters...	
Borage Seed Oil Polyglyceryl-6 Esters	SQ		Final Report 9/2016 Available from CIR
Borago Officinalis Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
		The Expert Panel concludes that Sodium Borate and Boric Acid, in concentrations less than or equal to 5 percent, are safe as cosmetic ingredients when used as currently recommended; however, cosmetic formulations containing free Sodium Borate or Boric Acid at this concentration should not be used on infant skin or injured skin.	
		Note: In 2003, the CIR Expert Panel considered available new data on these ingredients and reaffirmed the above conclusion.	
Boric Acid	SQ		JACT 2(7):87-125, 1983; UT 25(Suppl. 2) :1-89,2006
Boron Nitride	S		UT 34(Suppl.3):53-60, 2015
		The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	
Botryocladia Occidentalis Extract	I		Final Report Available from CIR 09/2021
Brassica Campestris (Rapeseed) Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Brassica Campestris (Rapeseed) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Brassica Campestris (Rapeseed) Sterols	S		Final Report 12/2013 Available from CIR
Brassica Napus Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Brassica Oleracea Acephala Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Brassica Oleracea Italica (Broccoli) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
		The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Brassicamidopropyl Dimethylamine...	
Brassicamidopropyl Dimethylamine	SQ		UT 38(S1):39-69,2019
		The CIR Expert Panel concluded that the available data are insufficient to support the safety of Alcohol Denat., SD Alcohol 39, and SD Alcohol 40 denatured with Quassin, Brucine, and Brucine Sulfate in cosmetic products, and that the available data are insufficient to support the safety of Quassin, Brucine, and Brucine Sulfate as denaturants.	
Brucine	Z		UT 27(Suppl. 1):1-43, 2008
		The CIR Expert Panel concluded that the available data are insufficient to support the safety of ... and Brucine Sulfate in cosmetic products, and that the available data are insufficient to support the safety of ... Brucine Sulfate as denaturants.	
Brucine Sulfate	UNS		UT 27(Suppl. 1):1-43, 2008
Butene/Propylene Copolymer	S		UT 39(S2):59-90,2020
		The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Buteth-3...	
Buteth-3	SQ		Final Report 4/2017 Available from CIR

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Ingredient	Finding*	Conclusion	Citation†
		On the basis of the animal and clinical data included in this report, the Expert Panel concludes that Butoxyethanol is safe in hair and nail products at concentrations up to 10.0%.	
Butoxyethanol	SQ	Note: In 2002, the CIR Expert Panel considered available new data on this ingredient and reaffirmed the above conclusion.	JACT 15(6):462-526, 1996; IJT 24(Suppl. 1):1-102, 2005
Butoxyethyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Butyl Acetate	S		JACT 8(4):681-705, 1989; IJT 27(Suppl. 1):77-142, 2008
Butyl Acrylate/Cyclohexyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Butyl Acrylate/Cyclohexyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Butyl Acrylate/Ethylhexyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Butyl Acrylate/Ethylhexyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Butyl Acrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Butyl Acrylate/Glycol Dimethacrylate Crosspolymer...	IJT 36(Suppl 2):59-88, 2017; Final Report 12/2018 Available from CIR
Butyl Acrylate/Hydroxyethyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Butyl Acrylate/Hydroxyethyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Butyl Acrylate/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Butyl Avocadate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyl Babassuate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Butyl Benzyl Phthalate	S		JACT 11(1):1-23, 1992; IJT 30(Suppl. 2):73-127, 2011; IJT 36(Suppl 2):14-58, 2017
Butyl Ester of PVM/MA Copolymer	S		JACT 12(3):243-256, 1993; IJT 30(Suppl. 2):128-144, 2011
Butyl Ethyl Propanediol	S		Final Report 06/2018 available from CIR
Butyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Butyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Butyl Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Butyl Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Butyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Butyl Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Butyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Butyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Butyl Methacrylate/Acryloyloxy PG Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Butyl Methacrylate/Acryloyloxy PG Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Butyl Myristate	S		JACT 9(2):247-258, 1990; IJT 29(Suppl. 3):162-186, 2010; IJT 34(Suppl.2):5-69, 2015
Butyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Butyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Butyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Butylated PVP	S		Final Report 12/2018 Available from CIR
Butyldimethicone Methacrylate/Methyl Methacrylate Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Butylene Glycol	S		JACT 4(5):223-248, 1985; IJT 25(Suppl. 2):1-89, 2006
Butylene Glycol Cocoate	S		IJT 30(Suppl. 1):5-16, 2011
Butylene Glycol Dicaprylate/Dicaprate	S		Final Report 9/2017 Available from CIR
Butylene Glycol Diisononanoate	S		IJT 30(Suppl. 3):228-269, 2011; Final Report 9/2017 Available from CIR
Butylene/Ethylene Copolymer	S		IJT 39(S2):59-90, 2020
Butylene/Ethylene/Propylene Copolymer	S		IJT 39(S2):59-90, 2020
Butylene/Ethylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Butyloctyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyloctyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyloctyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Butyloctyl Candelillate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyloctyl Ceteareate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyloctyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation‡
Butyloctyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Butyloctyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Butyloctyl Salicylate	UT 22(Suppl.3):1-108, 2003; Final Report 4/2019 Available from CIR
Butylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Butylparaben...	JACT 3(5):147-209, 1984;UT 27 (Suppl. 4):1-82, 2008;UT 39(Suppl. 1):5-97, 2020
Butyrospermum Parkii (Shea) Butter	S		Final Report 9/2017 Available from CIR;UT 36(Suppl. 3):51-129, 2017
Butyrospermum Parkii (Shea) Butter Extract	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Butyrospermum Parkii (Shea) Butter Extract...	Final Report 9/2017 Available from CIR
Butyrospermum Parkii (Shea) Butter Unsaponifiables	S		Final Report 9/2017 Available from CIR;UT 36(Suppl. 3):51-129, 2017
Butyrospermum Parkii (Shea) Nut Extract	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Butyrospermum Parkii (Shea) Nut Extract...	Final Report 9/2017 Available from CIR
Butyrospermum Parkii (Shea) Nut Shell Powder	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Butyrospermum Parkii (Shea) Nut Shell Powder...	Final Report 9/2017 Available from CIR
Butyrospermum Parkii (Shea) Oil	S		Final Report 9/2017 Available from CIR;UT 36(Suppl. 3):51-129, 2017
Butyrospermum Parkii (Shea) Seedcake Extract	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Butyrospermum Parkii (Shea) Seedcake Extract...	Final Report 9/2017 Available from CIR
C10-11 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C10-12 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C10-13 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C10-16 Alkyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...C10-16 Alkyl Glucoside...	UT 32(Suppl. 3):22-48, 2013
C10-16 Pareth-1	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C10-16 Pareth-1...	UT 31(Suppl. 2):169-244, 2012
C10-16 Pareth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C10-16 Pareth-2...	UT 31(Suppl. 2):169-244, 2012
C10-18 Triglycerides	S		Final Report 12/2017 Available from CIR
C10-40 Isoalkyl Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...C10-40 Isoalkyl Acid...	Final Report 04/2019 Available from CIR
C10-40 Isoalkyl Acid Octyldodecanol Esters	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C10-40 Isoalkyl Acid Phytosterol Esters	S		Final Report 12/2013 Available from CIR
C10-40 Isoalkyl Acid Triglyceride	S		Final Report 12/2017 Available from CIR
C11-12 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C11-13 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C11-13 Pareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C11-13 Pareth-10...	UT 31(Suppl. 2):169-244, 2012
C11-13 Pareth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C11-13 Pareth-6...	UT 31(Suppl. 2):169-244, 2012
C11-13 Pareth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C11-13 Pareth-9...	UT 31(Suppl. 2):169-244, 2012
C11-14 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C11-15 Pareth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C11-15 Pareth-12...	UT 31(Suppl. 2):169-244, 2012
C11-15 Pareth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C11-15 Pareth-15...	UT 31(Suppl. 2):169-244, 2012
C11-15 Pareth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C11-15 Pareth-20...	UT 31(Suppl. 2):169-244, 2012
C11-15 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C11-15 Pareth-3...	UT 31(Suppl. 2):169-244, 2012
C11-15 Pareth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C11-15 Pareth-30...	UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
C14-15 Pareth-13	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-13...	UT 31(Suppl. 2):169-244, 2012
C14-15 Pareth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-4...	UT 31(Suppl. 2):169-244, 2012
C14-15 Pareth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-7...	UT 31(Suppl. 2):169-244, 2012
C14-15 Pareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-8...	UT 31(Suppl. 2):169-244, 2012
C14-18 Alkyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...C14-18 Alkyl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
C14-18 Glycol	S		UT 31(Suppl. 2):147-168, 2012
C14-28 Alkyl Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...C14-28 Alkyl Acid...	Final Report 04/2019 Available from CIR
C14-28 Isoalkyl Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...C14-28 Isoalkyl Acid...	Final Report 04/2019 Available from CIR
C14-30 Alkyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C15-18 Glycol	S		UT 31(Suppl. 2):147-168, 2012
C15-35 Isoparaffin/Isoalkylcycloalkanes	S		UT 31(Suppl. 3):269-295, 2012
C16-17 Alkyl Benzoate	S		UT 31(Suppl.3):342-372, 2012
C16-22 Acid Amide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...C16-22 Acid Amide MEA...	UT 34(Suppl.1):18-34, 2015
C16-36 Alkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C18-22 Hydroxyalkyl Hydroxypropyl Guar	S		UT 34(Suppl. 1):35-65, 2015
C18-30 Glycol	S		UT 31(Suppl. 2):147-168, 2012
C18-36 Acid Triglyceride	S		Final Report 12/2017 Available from CIR
C18-38 Alkyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C18-38 Alkyl C24-54 Acid Ester	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C18-70 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C20-22 Alkyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...C20-22 Alkyl Glucoside...	UT 32(Suppl. 3):22-48, 2013
C20-22 Alkyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...C20-22 Alkyl Phosphate...C20-22 Alkyl Phosphate...	UT 38(S2):12-32,2019
C20-22 Pareth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-22 Pareth-30...	UT 31(Suppl. 2):169-244, 2012
C20-30 Glycol	S		UT 31(Suppl. 2):147-168, 2012
C20-40 Alkyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C20-40 Alkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C20-40 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C20-40 Pareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-10...	UT 31(Suppl. 2):169-244, 2012
C20-40 Pareth-24	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-24...	UT 31(Suppl. 2):169-244, 2012
C20-40 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-3...	UT 31(Suppl. 2):169-244, 2012
C20-40 Pareth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-40...	UT 31(Suppl. 2):169-244, 2012
C20-40 Pareth-95	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-95...	UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
C22-24 Pareth-33	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C22-24 Pareth-33...	UT 31(Suppl. 2):169-244, 2012
C24-28 Alkyl Methicone	S		UT 22(Suppl. 2):11-35, 2003
C26-28 Alkyldimethylsilyl Polypropylsilsesquioxane	S		Final Report 12/2017 Available from CIR
C30-45 Alkyl Cetearyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
C30-45 Alkyl Dimethicone	S		UT 22(Suppl. 2):11-35, 2003
C30-45 Alkyl Dimethicone/Polycyclohexene Oxide Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
C30-45 Alkyl Methicone	S		UT 22(Suppl. 2):11-35, 2003
C30-45 Alkyldimethylsilyl Polypropylsilsesquioxane	S		Final Report 12/2017 Available from CIR
C30-50 Alkyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C30-50 Alkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C30-50 Pareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C30-50 Pareth-10...	UT 31(Suppl. 2):169-244, 2012
C30-50 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C30-50 Pareth-3...	UT 31(Suppl. 2):169-244, 2012
C30-50 Pareth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C30-50 Pareth-40...	UT 31(Suppl. 2):169-244, 2012
C32-36 Isoalkyl Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...C32-36 Isoalkyl Acid...	Final Report 04/2019 Available from CIR
C32-36 Isoalkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C4-24 Alkyl Dimethicone/Divinyldimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
C4-5 Isoalkyl Cocoate	SQ		UT 34(Suppl.2):5-69, 2015
C4-6 Olefin/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
C40-60 Alkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
C40-60 Pareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C40-60 Pareth-10...	UT 31(Suppl. 2):169-244, 2012
C40-60 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C40-60 Pareth-3...	UT 31(Suppl. 2):169-244, 2012
C5-6 Olefin/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
C6-14 Perfluoroalkylethyl Acrylate/HEMA Copolymer	Z		Final Report 10/2018 available from CIR
C7-8 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C8-10 Alkyl Ethyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...C8-10 Alkyl Ethyl Phosphate...	UT 38(S2):12-32,2019
C8-12 Acid Triglyceride	S		Final Amended Report 02/2018 Available from CIR
C8-22 Alkyl Acrylates/Methacrylic Acid Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...C8-22 Alkyl Acrylates/Methacrylic Acid Crosspolymer...	UT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
C8-9 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C9-11 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C9-11 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-11 Pareth-3...	UT 31(Suppl. 2):169-244, 2012
C9-11 Pareth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-11 Pareth-4...	UT 31(Suppl. 2):169-244, 2012
C9-11 Pareth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-11 Pareth-6...	UT 31(Suppl. 2):169-244, 2012
C9-11 Pareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-11 Pareth-8...	UT 31(Suppl. 2):169-244, 2012
C9-12 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C9-13 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C9-14 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
C9-15 Alkyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...C9-15 Alkyl Phosphate...	UT 38(S2):12-32,2019

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Ingredient	Finding†	Conclusion	Citation‡
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-15 Pareth-8...	
C9-15 Pareth-8	SQ		UT 31(Suppl. 2):169-244, 2012
C9-16 Isoparaffin	S		UT 31(Suppl. 3):269-295, 2012
Caesalpinia Spinosa Gum	S		UT 34(Suppl. 1):35-65, 2015
Caesalpinia Spinosa Hydroxypropyltrimonium Chloride	S		UT 34(Suppl. 1):35-65, 2015
Caffeine	S		Final Report 12/2018 Available from CIR
Calcium Acetate	S		UT 31(Suppl. 1):112-136, 2012
Calcium Alginate	S		Final Report 9/2015 Available from CIR
Calcium Aluminum Borosilicate	S		UT 32(Suppl. 3):65-72, 2013
Calcium Ascorbate	S		UT 24(Suppl. 2):51-111, 2005
Calcium Aspartate	S		UT 32(Suppl. 4):41-64, 2013
		The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Calcium Behenate...	
Calcium Behenate	SQ		Final Report 04/2019 Available from CIR
Calcium Benzoate	S		UT 36(Suppl. 3):5-30, 2017
		The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Calcium Carbonate...	
Calcium Carbonate	SQ		Final Report 12/2016 Available from CIR
Calcium Carboxymethyl Cellulose	S		Final Report 3/2009 Available from CIR
Calcium Carrageenan	S		Final Report 9/2015 Available from CIR
Calcium Caseinate	S		Final Report 9/2017 Available from CIR
Calcium Citrate	S		UT 33(Suppl.2):16-46, 2014
		The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Calcium Dihydrogen Phosphate...	
Calcium Dihydrogen Phosphate	SQ		UT 40(S1):34-85;2021
Calcium Disodium EDTA	S		UT 21(Suppl.2):95-142, 2002
		Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopyramine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	
Calcium Dodecylbenzenesulfonate	SQ		UT 29(Suppl. 4):288-305, 2010
Calcium Gluconate	S		UT 38(S1):5-38,2019
Calcium Glycinate	S		UT 32(Suppl. 4):41-64, 2013
		Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Calcium Glycolate...	
Calcium Glycolate	SQ		UT 17(S1):1-241, 1998; UT 36(Suppl 2):14-58, 2017
Calcium Hydrolyzed Collagen	S		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concluded that ... Calcium Hydroxide is safe in hair straighteners and depilatories under conditions of recommended use; users should minimize skin contact. Á These ingredients are safe for all other present practices of use and concentration described in this safety assessment when formulated to be nonirritating.	
Calcium Hydroxide	SQ		UT 40(Suppl 2):16-35;2021
		Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Calcium Lactate...	
Calcium Lactate	SQ		UT 17(S1):1-241, 1998; UT 36(Suppl 2):14-58, 2017
		The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Calcium Laurate...	
Calcium Laurate	SQ		Final Report 04/2019 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Calcium Lauroyl Taurate...	
Calcium Lauroyl Taurate	SQ		Final Report 12/2015 Available from CIR
Calcium Myristate	S		UT 29(Suppl. 3):162-186,2010
Calcium Pantothenate	S		Final Report 12/2017 Available from CIR
		The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Calcium Paraben...	
Calcium Paraben	SQ		UT 39(S1):5-97,2020
		The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	
Calcium PCA	SQ		UT 38(S2):5-11,2019
		The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Calcium Phosphate...	
Calcium Phosphate	SQ		UT 40(S1):34-85;2021
		The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Calcium Potassium Carbomer...	
Calcium Potassium Carbomer	SQ		Final Report 12/2018 Available from CIR
		The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Calcium Potassium Sodium Phosphate...	
Calcium Potassium Sodium Phosphate	SQ		UT 40(S1):34-85;2021
		The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Calcium Pyrophosphate...	
Calcium Pyrophosphate	SQ		UT 40(S1):34-85;2021
		The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Calcium Salicylate...	
Calcium Salicylate	SQ		UT 22(Suppl 3):1-108, 2003;Final Report 04/2019 Available from CIR
Calcium Silicate	S		UT 22(Suppl. 1):37-102, 2003

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Ingredient	Finding ^f	Conclusion	Citation [†]
Calcium Sodium Borosilicate	S		UT 32(Suppl. 3):65-72, 2013
Calcium Starch Isododeceny Succinate	S		Final Report 9/2015 Available from CIR
Calcium Starch Octenylsuccinate	S		Final Report 9/2015 Available from CIR
Calcium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Calcium Stearate	UT 22(Suppl. 1):1-35, 2003; JACT 1(2):143-177, 1982; Final Report 04/2019 Available from CIR
Calcium Stearoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Calcium Stearoyl Lactylate...	Final Report 06/2019 Available from CIR
Calcium Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Calcium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure. Calcium Thioglycolate in depilatories is safe when formulated to be non-irritating under conditions of recommended use.	UT 28(Suppl. 1):68-133, 2009
Calcium Titanium Borosilicate	S		UT 32(Suppl. 3):65-72, 2013
Calcium Undecylenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Calcium Undecylenate...	Final Report 04/2019 Available from CIR
Calcium Xylenesulfonate	SQ	Calcium Xylenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	UT 30(Suppl. 3):270-283, 2011
Calcium/Sodium PVM/MA Copolymer	S		UT 30(Suppl. 2):128-144, 2011
Calendula Officinalis	I	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Calendula Officinalis Extract and Calendula Officinalis for use in cosmetic products.	UT 20(S2):13-20, 2001
Calendula Officinalis Extract	S		UT 20(S2):13-20, 2001; UT 29(Suppl 4):221-243, 2010
Calendula Officinalis Extract - XXX	S		UT 29(Suppl 4):221-243, 2010
Calendula Officinalis Flower	S		UT 20(S2):13-20, 2001; UT 29(Suppl 4):221-243, 2010
Calendula Officinalis Flower Extract	S		UT 20(S2):13-20, 2001; UT 29(Suppl 4):221-243, 2010
Calendula Officinalis Flower Oil	S		UT 29(Suppl 4):221-243, 2010
Calendula Officinalis Seed Oil	S		UT 29(Suppl 4):221-243, 2010
Calliblepharis Ciliata Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Camelina Sativa Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Camellia Japonica Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Camellia Kissi Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Camellia Oleifera Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Camellia Sinensis Catechins	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Catechins...	UT 38(S3):48-70,2019
Camellia Sinensis Flower Extract	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	UT 38(S3):48-70,2019
Camellia Sinensis Flower/Leaf/Stem Juice	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	UT 38(S3):48-70,2019
Camellia Sinensis Leaf	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf...	UT 38(S3):48-70,2019
Camellia Sinensis Leaf Extract	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf Extract...	UT 38(S3):48-70,2019
Camellia Sinensis Leaf Oil	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf Oil...	UT 38(S3):48-70,2019
Camellia Sinensis Leaf Powder	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf Powder...	UT 38(S3):48-70,2019
Camellia Sinensis Leaf Water	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf Water...	UT 38(S3):48-70,2019
Camellia Sinensis Root Extract	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	UT 38(S3):48-70,2019
Camellia Sinensis Seed Extract	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	UT 38(S3):48-70,2019
Camellia Sinensis Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Camellia Sinensis Seed Powder	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	UT 38(S3):48-70,2019
Camellia Sinensis Seedcoat Powder	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	UT 38(S3):48-70,2019
Canarium Indicum Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Candelilla Cera	S		JACT 3(3):1-41, 1984; UT 24(Suppl. 1):1-102, 2005
Candelilla Wax	S		JACT 3(3):1-41, 1984; UT 24(Suppl. 1):1-102, 2005
Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Canola Oil	S		UT 36(Suppl. 3):51-129, 2017
Canola Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Canola Sterols	S		Final Report 12/2013 Available from CIR
Canolamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Canolamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Capramide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Capramide DEA...	UT 32(Suppl. 1):36-58, 2013
Capric Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Capric Acid...	Final Report 04/2019 Available from CIR
Capric/Lauric/Myristic/Oleic Triglyceride	S		Final Report 12/2017 Available from CIR
Caproic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Caproic Acid...	Final Report 04/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Caproyl Phytosphingosine	S		UT 39(S3)-5-25,2020
Caproyl Sphingosine	S		UT 39(S3)-5-25,2020
Caproyl Sphingosine	S		UT 39(S3)-5-25,2020
Capryl Sultaine	S		Final Report 06/2018 Available from CIR
Capryl/Capramidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Capryl/Capramidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Capryleth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Capryleth-4...	UT 31(Suppl. 2):169-244, 2012
Capryleth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Capryleth-5...	UT 31(Suppl. 2):169-244, 2012
Caprylhydroxamic Acid	S		Final Report 09/2020 Available from CIR
Caprylic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Caprylic Acid...	Final Report 04/2019 Available from CIR
Caprylic/Capric Glycerides Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Caprylic/Capric Glycerides Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Caprylic/Capric Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Coco Glycerides	S		UT 30(Suppl. 1):5-16, 2011
Caprylic/Capric/Lauric Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Linoleic Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Myristic/Stearic Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Palmitic/Stearic Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Stearic Triglyceride	S		Final Report 12/2017 Available from CIR
Capryloyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Collagen Amino Acids	UT 36(Suppl. 1):17-56, 2017
Capryloyl Glycine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Glycine	UT 36(Suppl. 1):17-56, 2017
Capryloyl Gold of Pleasure Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Gold of Pleasure Amino Acids	UT 36(Suppl. 1):17-56, 2017
Capryloyl Keratin Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Keratin Amino Acids	UT 36(Suppl. 1):17-56, 2017
Capryloyl Pea Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Pea Amino Acids	UT 36(Suppl. 1):17-56, 2017
Capryloyl Quinoa Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Quinoa Amino Acids	UT 36(Suppl. 1):17-56, 2017
Capryloyl Salicylic Acid	I	The CIR Expert Panel concluded that the available data are insufficient to make a determination that Capryloyl Salicylic Acid is safe under the intended conditions of use in cosmetic formulations.	Final Report 12/2019 Available from CIR
Capryloyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Silk Amino Acids	UT 36(Suppl. 1):17-56, 2017
Caprylyl Butyrate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Caprylyl Caprylate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Caprylyl Eicosenoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Caprylyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Caprylyl Glucoside...	UT 32(Suppl. 3):22-48, 2013
Caprylyl Glyceryl Ether	S		UT 32(Suppl. 3):5-21, 2013
Caprylyl Glycol	S		UT 31(Suppl. 2):147-168, 2012
Caprylyl/Capryl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Caprylyl/Capryl Glucoside...	UT 32(Suppl. 3):22-48, 2013
Capsaicin	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	UT 26(Suppl. 1):3-106, 2007
Capsicum Annuum Extract	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	UT 26(Suppl. 1):3-106, 2007
Capsicum Annuum Fruit Extract	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	UT 26(Suppl. 1):3-106, 2007
Capsicum Annuum Resin	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	UT 26(Suppl. 1):3-106, 2007
Capsicum Annuum Root Powder	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	UT 26(Suppl. 1):3-106, 2007

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Ingredient	Finding†	Conclusion	Citation‡
Capsicum Frutescens Fruit	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	IJT 26(Suppl. 1):3-106, 2007
Capsicum Frutescens Fruit Extract	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	IJT 26(Suppl. 1):3-106, 2007
Capsicum Frutescens Resin	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	IJT 26(Suppl. 1):3-106, 2007
Captan	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Captan as used in cosmetics.	JACT 8(4):643-680, 1989
Carapa Guaianensis Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Carapa Guaianensis Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Carbomer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Carbomer...	JACT 1(2):109-141, 1982; Final Report 12/2018 Available from CIR
Carbomer-910	S		JACT 1(2):109-141, 1982; IJT 22(Suppl. 1):1-35, 2003
Carbomer-934	S		JACT 1(2):109-141, 1982; IJT 22(Suppl. 1):1-35, 2003
Carbomer-934P	S		JACT 1(2):109-141, 1982; IJT 22(Suppl. 1):1-35, 2003
Carbomer-940	S		JACT 1(2):109-141, 1982; IJT 22(Suppl. 1):1-35, 2003
Carbomer-941	S		JACT 1(2):109-141, 1982; IJT 22(Suppl. 1):1-35, 2003
Carbomer-962	S		JACT 1(2):109-141, 1982; IJT 22(Suppl. 1):1-35, 2003
Carboxymethyl Cellulose Acetate Butyrate	S		Final Report 3/2009 Available from CIR
Carboxymethyl Dextran	S		IJT 35(Suppl. 1):5-49, 2016
Carboxymethyl Hydroxyethylcellulose	S		Final Report 3/2009 Available from CIR
Carboxymethyl Hydroxypropyl Guar	S		IJT 34(Suppl. 1):35-65, 2015
Carica Papaya (Papaya) Fruit	S		Final Report Available from CIR 03/2021
Carica Papaya (Papaya) Fruit Extract	S		Final Report Available from CIR
Carica Papaya (Papaya) Fruit Juice	S		Final Report Available from CIR 03/2021
Carica Papaya (Papaya) Fruit Juice	S		Final Report Available from CIR 03/2021
Carica Papaya (Papaya) Leaf Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination that Carica Papaya (Papaya) Leaf Extract is safe under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 03/2021
Carica Papaya (Papaya) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Carnauba Wax	S		JACT 3(3):1-41, 1984; IJT 24(Suppl. 1):1-102, 2005
Carnitine	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Carnitine...	IJT 31(Suppl. 3):296-341, 2012
Carnitine HCl	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Carnitine HCl...	IJT 31(Suppl. 3):296-341, 2012
Carnitine Hydroxycitrate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Carnitine Hydroxycitrate...	IJT 31(Suppl. 3):296-341, 2012
Carnitine PCA	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Carnitine PCA...	IJT 31(Suppl. 3):296-341, 2012
Carrageenan	S		Final Report 9/2015 Available from CIR
Carthamus Tinctorius (Safflower) Seed Oil	S		JACT 4(5):171-197, 1985 ;IJT 25(Suppl. 2) :1-89,2006;IJT 36(Suppl. 3):51-129, 2017
Carvacrol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
Carya Illinoensis (Pecan) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Carya Illinoensis (Pecan) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Caryocar Brasiliense Fruit Oil	S		IJT 36(Suppl. 3):51-129, 2017
Casein	S		Final Report 9/2017 Available from CIR
Casein Extract	S		Final Report 9/2017 Available from CIR
Cassia Angustifolia Seed Polysaccharide	S		Final Report 9/2015 Available from CIR
Cassia Gum	S		IJT 34(Suppl. 1):35-65, 2015
Cassia Hydroxypropyltrimonium Chloride	S		IJT 34(Suppl. 1):35-65, 2015
Castor Oil Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Castor Oil Phosphate...	IJT 38(S2):12-32,2019
Castor Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Castor Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Cellobiose Octanonanoate	S		Final Report 3/2015 Available from CIR
Cellulose	S		Final Report 3/2009 Available from CIR
Cellulose Acetate	S		Final Report 3/2009 Available from CIR
Cellulose Acetate Butyrate	S		Final Report 3/2009 Available from CIR
Cellulose Acetate Propionate	S		Final Report 3/2009 Available from CIR
Cellulose Acetate Propionate Carboxylate	S		Final Report 3/2009 Available from CIR
Cellulose Gum	S		JACT 5(3):1-59, 1986; Final Report 3/2009 Available from CIR
Cellulose Succinate	S		Final Report 3/2009 Available from CIR
Centella Asiatica Callus Culture	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Callus Culture...	Final Report 6/2015 Available from CIR
Centella Asiatica Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Extract...	Final Report 6/2015 Available from CIR
Centella Asiatica Flower/Leaf/Stem Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Flower/Leaf/Stem Extract...	Final Report 6/2015 Available from CIR
Centella Asiatica Leaf Cell Culture Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Leaf Cell Culture Extract...	Final Report 6/2015 Available from CIR

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Centella Asiatica Leaf Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Leaf Extract...	Final Report 6/2015 Available from CIR
Centella Asiatica Leaf Water	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Leaf Water...	Final Report 6/2015 Available from CIR
Centella Asiatica Meristem Cell Culture	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Meristem Cell Culture...	Final Report 6/2015 Available from CIR
Centella Asiatica Meristem Cell Culture Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Meristem Cell Culture Extract...	Final Report 6/2015 Available from CIR
Centella Asiatica Root Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Root Extract...	Final Report 6/2015 Available from CIR
Ceramide 1	S		UT 39(S3)-5-25,2020
Ceramide 1 A	S		UT 39(S3)-5-25,2020
Ceramide 2	S		UT 39(S3)-5-25,2020
Ceramide 3	S		UT 39(S3)-5-25,2020
Ceramide 4	S		UT 39(S3)-5-25,2020
Ceramide 5	S		UT 39(S3)-5-25,2020
Ceramide 6 II	S		UT 39(S3)-5-25,2020
Ceramide AP	S		UT 39(S3)-5-25,2020
Ceramide AS	S		UT 39(S3)-5-25,2020
Ceramide EOP	S		UT 39(S3)-5-25,2020
Ceramide EOS	S		UT 39(S3)-5-25,2020
Ceramide NG	S		UT 39(S3)-5-25,2020
Ceramide NP	S		UT 39(S3)-5-25,2020
Ceramide NS	S		UT 39(S3)-5-25,2020
Ceramide NS Dilaurate	S		UT 39(S3)-5-25,2020
Ceranium Kondoi Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Ceranium Rubrum Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Ceratonia Siliqua (Carob) Gum	S		UT 34(Suppl. 1):35-65, 2015
Ceresin	S		JACT 3(3):43-99, 1984; UT 24(Suppl. 1):1-102, 2005
Ceteareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-10...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-100	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-100...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-11	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-11...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-12...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-13	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-13...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-14	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-14...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-15...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-16...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-17	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-17...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-18	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-18...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012
Ceteareth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-2...	UT 18(S3):41-49, 1999;UT 31(Suppl. 2):169-244, 2012

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Ceteareth-60	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-60...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteareth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-7...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-8...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteareth-80	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-80...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteareth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-9...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Cetearyltrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetearyltrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Cetearyl Alcohol	S		JACT 7(3):359-413, 1988; IJT 27(Suppl. 1):77-142, 2008
Cetearyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Candelillate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Cetearyl Dimethicone/Vinyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Cetearyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetearyl Ethylhexanoate... The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Cetearyl Glucoside...	JACT 1(4):81-90, 1982; IJT 25(Suppl. 2) :1-89,2006; IJT 34(Suppl.3):61-73, 2015
Cetearyl Glucoside	SQ		IJT 32(Suppl. 3) :22-48, 2013
Cetearyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Cetearyl Methicone	S		IJT 22(Suppl. 2):11-35, 2003
Cetearyl Nonanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Cetearyl Octanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetearyl Octanoate... The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 1(4):81-90, 1982; IJT 25(Suppl. 2) :1-89,2006; IJT 34(Suppl.3):61-73, 2015
Cetearyl Olivatate	SQ		IJT 34(Suppl.2):5-69, 2015
Cetearyl Palmate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Cetearyl Phosphate...	IJT 38(S2):12-32,2019
Cetearyl Rice Branate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ceteth-1	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-1...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-10...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-12...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteth-13	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-13...	IJT 31(Suppl. 2):169-244, 2012
Ceteth-14	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-14...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Cetyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetyl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
Cetyl Glyceryl Ether	S		UT 32(Suppl. 3):5-21, 2013
Cetyl Glycol	S		UT 31(Suppl. 2):147-168, 2012
Cetyl Hexacosyl Dimethicone/Bis-Vinyldimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Cetyl Hydroxyethylcellulose	S		Final Report 3/2009 Available from CIR
Cetyl Isonanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 3):228-269, 2011; UT 34(Suppl.2):5-69, 2015
Cetyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Cetyl Lactate...	JACT 1(2):97-107, 1982; UT 17(51):1-241, 1998; UT 36(Suppl.2):14-58, 2017
Cetyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Cetyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Cetyl Myristoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Cetyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Cetyl Palmitate	S		JACT 1(2):13-35, 1982; UT 24(Suppl. 1):1-102, 2005; UT 34(Suppl.2):5-69, 2015
Cetyl PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Cetyl PEG/PPG-10/1 Dimethicone	S		Final Report 12/2014 Available from CIR
Cetyl PEG/PPG-15/15 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
Cetyl PEG/PPG-7/3 Dimethicone	S		Final Report 12/2014 Available from CIR
Cetyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Cetyl Phosphate...	UT 38(S2):12-32,2019
Cetyl Ricinoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating	UT 26(Suppl. 3):31-77, 2007;UT 34(Suppl.2):5-69, 2015
Cetyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; UT 24(Suppl. 1):1-102, 2005; UT 34(Suppl.2):5-69, 2015
Cetyl Tallowate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Cetyl/Lauryl/Myristyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Chamomilla Recutita (Matricaria) Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower Oil	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower Oil...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower Powder	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower Powder...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower Water	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower Water...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower/Leaf Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower/Leaf Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower/Leaf/Stem Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower/Leaf/Stem Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower/Leaf/Stem Water	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower/Leaf/Stem Water...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Leaf Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Leaf Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Oil	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Oil...	Final Report 6/2016 Available from CIR
Chenopodium Quinoa Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Chimyl Alcohol	S		UT 32(Suppl. 3):5-21, 2013
Chimyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Chimyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Chlorhexidine	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Chlorhexidine and its salts are safe for use in cosmetic products at concentrations up to: 0.14% calculated as Chlorhexidine free base; 0.19% as Chlorhexidine Diacetate; 0.20% as Chlorhexidine Digluconate; and 0.16% as Chlorhexidine Dihydrochloride.	JACT 12(3):201-223, 1993; UT 18(S2):69, 1999; IIT 30(Suppl. 2):73-127, 2011
Chlorhexidine Diacetate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Chlorhexidine and its salts are safe for use in cosmetic products at concentrations up to: 0.14% calculated as Chlorhexidine free base; 0.19% as Chlorhexidine Diacetate; 0.20% as Chlorhexidine Digluconate; and 0.16% as Chlorhexidine Dihydrochloride.	JACT 12(3):201-223, 1993; UT 18(S2):69, 1999; IIT 30(Suppl. 2):73-127, 2011

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Ingredient	Finding†	Conclusion	Citation‡
Chlorhexidine Digluconate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Chlorhexidine and its salts are safe for use in cosmetic products at concentrations up to: 0.14% calculated as Chlorhexidine free base; 0.19% as Chlorhexidine Diacetate; 0.20% as Chlorhexidine Digluconate; and 0.16% as Chlorhexidine Dihydrochloride.	JACT 12(3):201-223, 1993; UT 18(52):69, 1999; UT 30(Suppl. 2):73-127, 2011
Chlorhexidine Dihydrochloride	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Chlorhexidine and its salts are safe for use in cosmetic products at concentrations up to: 0.14% calculated as Chlorhexidine free base; 0.19% as Chlorhexidine Diacetate; 0.20% as Chlorhexidine Digluconate; and 0.16% as Chlorhexidine Dihydrochloride.	JACT 12(3):201-223, 1993; UT 18(52):69, 1999; UT 30(Suppl. 2):73-127, 2011
Chloroacetamide	U	Based on the data included in this report and the reconfirmation that Chloroacetamide is a potential human sensitizer at use concentrations, the Expert Panel concludes that Chloroacetamide is unsafe for use as a cosmetic ingredient.	JACT 10(1):21-32, 1991
Chlorophene	Z	The CIR Expert Panel concludes that the available data are insufficient to support safety of Dichlorophene or Chlorophene.	UT 23(Suppl. 1):1-27, 2004
Chlorothymol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	UT 25(Suppl. 1):29-127, 2006
Chloroxylenol	S		JACT 4(5):147-169, 1985; IJT 25(Suppl. 2) :1-89,2006
Chlorphenesin	S		UT 33(Suppl. 2) :5-15, 2014
Cholesterol	S		JACT 5(5):491-516, 1986; IJT 25(Suppl. 2) :1-89,2006
Cholesterol/HDI/Pullulan Copolymer	S		Final Report 06/2016 available from CIR
Cholesteryl Nonanoate	S		Final Report 3/2015 Available from CIR
Choleth-24	S		JACT 1(4):119-126, 1982; IJT 24(Suppl. 1):1-102, 2005
Choline Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Choline Chloride...	UT 31(Suppl. 3):296-341, 2012
Chondracanthus Tedei Powder	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Chondrus Crispus	S		Final Report Available from CIR 09/2021
Chondrus Crispus Extract	S		Final Report Available from CIR 09/2021
Chondrus Crispus Powder	S		Final Report Available from CIR 09/2021
Chichorium Intybus (Chicory) Root Oligosaccharides	S		Final Report 9/2015 Available from CIR
Citric Acid	S		UT 33(Suppl.2):16-46, 2014
Citrullus Lanatus (Watermelon) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Citrus Aurantifolia (Lime) Flower Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantifolia (Lime) Flower Extract...	UT 40(S3):53-76,2021
Citrus Aurantifolia (Lime) Fruit	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime) Fruit...	UT 40(S3):5-38, 2021
Citrus Aurantifolia (Lime) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime) Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Aurantifolia (Lime) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime) Fruit Water...	UT 40(S3):5-38, 2021
Citrus Aurantifolia (Lime) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime) Juice...	UT 40(S3):5-38, 2021
Citrus Aurantifolia (Lime) Leaf Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantifolia (Lime) Leaf Oil...	UT 40(S3):53-76,2021
Citrus Aurantifolia (Lime) Oil	UNS	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantifolia (Lime) Oil...	UT 40(S3):38-52,2021
Citrus Aurantifolia (Lime) Peel	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantifolia (Lime) Peel...	UT 40(S3):77-99, 2021
Citrus Aurantifolia (Lime) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantifolia (Lime) Peel Extract...	UT 40(S3):77-99, 2021
Citrus Aurantifolia (Lime) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Aurantifolia (Lime) Peel Oil...	UT 38(52):33-59,2019
Citrus Aurantifolia (Lime) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantifolia (Lime) Peel Powder...	UT 40(S3):77-99, 2021
Citrus Aurantifolia (Lime) Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantifolia (Lime) Peel Water...	UT 40(S3):77-99, 2021
Citrus Aurantifolia (Lime) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Citrus Aurantifolia (Lime) Seed Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Citrus Aurantifolia (Lime)/Citrus Limon (Lemon) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime)/Citrus Limon (Lemon) Fruit Water...	UT 40(S3):5-38, 2021
Citrus Aurantium (Bitter Orange) Oil	UNS	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium (Bitter Orange) Oil...	UT 40(S3):38-52,2021

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Aurantium Dulcis (Orange) Flower/Leaf/Stem Powder	Z	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Flower/Leaf/Stem Powder...	UT 40(S3):38-52,2021
Citrus Aurantium Dulcis (Orange) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Dulcis (Orange) Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Aurantium Dulcis (Orange) Fruit Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Dulcis (Orange) Fruit Powder...	UT 40(S3):5-38, 2021
Citrus Aurantium Dulcis (Orange) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Dulcis (Orange) Fruit Water...	UT 40(S3):5-38, 2021
Citrus Aurantium Dulcis (Orange) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Dulcis (Orange) Juice...	UT 40(S3):5-38, 2021
Citrus Aurantium Dulcis (Orange) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Leaf Extract...	UT 40(S3):53-76,2021
Citrus Aurantium Dulcis (Orange) Oil	UNS	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Oil...	UT 40(S3):38-52,2021
Citrus Aurantium Dulcis (Orange) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Dulcis (Orange) Peel Extract...	UT 40(S3):77-99, 2021
Citrus Aurantium Dulcis (Orange) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Aurantium Dulcis (Orange) Peel Oil...	UT 38(S2):33-59,2019
Citrus Aurantium Dulcis (Orange) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Dulcis (Orange) Peel Powder...	UT 40(S3):77-99, 2021
Citrus Aurantium Dulcis (Orange) Peel Wax	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Dulcis (Orange) Peel Wax...	UT 40(S3):77-99, 2021
Citrus Aurantium Dulcis (Orange) Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Seed Extract...	UT 40(S3):38-52,2021
Citrus Aurantium Dulcis (Orange) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Citrus Aurantium Dulcis (Orange) Seed Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Citrus Aurantium Sinensis Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Sinensis Peel Extract...	UT 40(S3):77-99, 2021
Citrus Aurantium Sinensis Powder	UNS	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Sinensis Powder...	UT 40(S3):38-52,2021
Citrus Aurantium Tachibana Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Tachibana Peel Extract...	UT 40(S3):77-99, 2021
Citrus Australasica Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Australasica Seed Oil...	UT 40(S3):38-52,2021
Citrus Clementina Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Clementina Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Clementina Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Clementina Juice...	UT 40(S3):5-38, 2021
Citrus Clementina Leaf Cell Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Clementina Leaf Cell Extract...	UT 40(S3):53-76,2021
Citrus Clementina Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Clementina Peel Oil...	UT 38(S2):33-59,2019
Citrus Depressa Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Depressa Flower Water...	UT 40(S3):53-76,2021
Citrus Depressa Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Depressa Fruit Extract...	UT 40(S3):5-38, 2021

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Depressa Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Depressa Fruit Water...	UT 40(S3):5-38, 2021
Citrus Depressa Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Depressa Peel Extract...	UT 40(S3):77-99, 2021
Citrus Depressa Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Depressa Peel Powder...	UT 40(S3):77-99, 2021
Citrus Depressa Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Depressa Seed Oil...	UT 40(S3):38-52,2021
Citrus Glauca Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Glauca Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Glauca Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Glauca Seed Oil...	UT 40(S3):38-52,2021
Citrus Grandis (Grapefruit)	Z	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis (Grapefruit)...	UT 40(S3):38-52,2021
Citrus Grandis (Grapefruit) Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis (Grapefruit) Extract...	UT 40(S3):38-52,2021
Citrus Grandis (Grapefruit) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis (Grapefruit) Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Grandis (Grapefruit) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis (Grapefruit) Fruit Water...	UT 40(S3):5-38, 2021
Citrus Grandis (Grapefruit) Fruit/Peel Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis (Grapefruit) Fruit/Peel Water...	UT 40(S3):5-38, 2021
Citrus Grandis (Grapefruit) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis (Grapefruit) Juice...	UT 40(S3):5-38, 2021
Citrus Grandis (Grapefruit) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis (Grapefruit) Leaf Extract...	UT 40(S3):53-76,2021
Citrus Grandis (Grapefruit) Peel	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Grandis (Grapefruit) Peel...	UT 40(S3):77-99, 2021
Citrus Grandis (Grapefruit) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Grandis (Grapefruit) Peel Extract...	UT 40(S3):77-99, 2021
Citrus Grandis (Grapefruit) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Grandis (Grapefruit) Peel Oil...	UT 38(S2):33-59,2019
Citrus Grandis (Grapefruit) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Grandis (Grapefruit) Peel Powder...	UT 40(S3):77-99, 2021
Citrus Grandis (Grapefruit) Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis (Grapefruit) Seed Extract...	UT 40(S3):38-52,2021
Citrus Grandis (Grapefruit) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Citrus Grandis (Grapefruit) Seed Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Citrus Grandis Peel/Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis Peel/Seed Extract...	UT 40(S3):38-52,2021
Citrus Grandis/Paradis Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis/Paradis Fruit Water...	UT 40(S3):5-38, 2021
Citrus Hassaku Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Hassaku Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Hassaku/Natsudaikai Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Hassaku/Natsudaikai Fruit Juice...	UT 40(S3):5-38, 2021
Citrus Hassaku/Natsudaikai Fruit Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Hassaku/Natsudaikai Fruit Powder...	UT 40(S3):5-38, 2021

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Ingredient	Finding ^f	Conclusion	Citation ^g
Citrus Junos Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Junos Peel Powder...	UT 40(S3):77-99, 2021
Citrus Junos Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Junos Peel Water...	UT 40(S3):77-99, 2021
Citrus Junos Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Junos Seed Extract...	UT 40(S3):38-52,2021
Citrus Junos Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Junos Seed Oil...	UT 40(S3):38-52,2021
Citrus Limon (Lemon) Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Flower Water...	UT 40(S3):53-76,2021
Citrus Limon (Lemon) Flower/Leaf/Stem Extract	UNS	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Flower/Leaf/Stem Extract...	UT 40(S3):38-52,2021
Citrus Limon (Lemon) Flower/Leaf/Stem Oil	Z	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Flower/Leaf/Stem Oil...	UT 40(S3):38-52,2021
Citrus Limon (Lemon) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Limon (Lemon) Fruit Oil	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Fruit Oil...	UT 40(S3):5-38, 2021
Citrus Limon (Lemon) Fruit Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Fruit Powder...	UT 40(S3):5-38, 2021
Citrus Limon (Lemon) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Fruit Water...	UT 40(S3):5-38, 2021
Citrus Limon (Lemon) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Juice...	UT 40(S3):5-38, 2021
Citrus Limon (Lemon) Juice Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Juice Extract...	UT 40(S3):5-38, 2021
Citrus Limon (Lemon) Juice Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Juice Powder...	UT 40(S3):5-38, 2021
Citrus Limon (Lemon) Leaf Cell Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Leaf Cell Extract...	UT 40(S3):53-76,2021
Citrus Limon (Lemon) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Leaf Extract...	UT 40(S3):53-76,2021
Citrus Limon (Lemon) Leaf/Peel/Stem Oil	Z	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Leaf/Peel/Stem Oil...	UT 40(S3):38-52,2021
Citrus Limon (Lemon) Peel	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel...	UT 40(S3):77-99, 2021
Citrus Limon (Lemon) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel Extract...	UT 40(S3):77-99, 2021
Citrus Limon (Lemon) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Limon (Lemon) Peel Oil...	UT 38(S2):33-59,2019
Citrus Limon (Lemon) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel Powder...	UT 40(S3):77-99, 2021
Citrus Limon (Lemon) Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel Water...	UT 40(S3):77-99, 2021
Citrus Limon (Lemon) Peel Wax	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel Wax...	UT 40(S3):77-99, 2021
Citrus Limon (Lemon) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017

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Ingredient	Finding ^f	Conclusion	Citation [†]
Citrus Madurensis Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Madurensis Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Madurensis Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Madurensis Fruit Juice...	UT 40(S3):5-38, 2021
Citrus Medica Vulgaris Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Medica Vulgaris Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Medica Vulgaris Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Medica Vulgaris Peel Oil...	UT 38(S2):33-59,2019
Citrus Natsudaiddai Flower Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Natsudaiddai Flower Oil...	UT 40(S3):53-76,2021
Citrus Natsudaiddai Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Natsudaiddai Flower Water...	UT 40(S3):53-76,2021
Citrus Natsudaiddai Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Natsudaiddai Peel Extract...	UT 40(S3):77-99, 2021
Citrus Nobilis (Mandarin Orange)	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Nobilis (Mandarin Orange)...	UT 40(S3):38-52,2021
Citrus Nobilis (Mandarin Orange) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Nobilis (Mandarin Orange) Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Nobilis (Mandarin Orange) Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Nobilis (Mandarin Orange) Fruit Juice...	UT 40(S3):5-38, 2021
Citrus Nobilis (Mandarin Orange) Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Nobilis (Mandarin Orange) Oil...	UT 40(S3):38-52,2021
Citrus Nobilis (Mandarin Orange) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Nobilis (Mandarin Orange) Peel Extract...	UT 40(S3):77-99, 2021
Citrus Nobilis (Mandarin Orange) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Nobilis (Mandarin Orange) Peel Oil...	UT 38(S2):33-59,2019
Citrus Nobilis (Mandarin Orange) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Nobilis (Mandarin Orange) Peel Powder...	UT 40(S3):77-99, 2021
Citrus Nobilis (Mandarin Orange) Water	Z	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Nobilis (Mandarin Orange) Water...	UT 40(S3):38-52,2021
Citrus Paradisi (Grapefruit) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Paradisi (Grapefruit) Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Paradisi (Grapefruit) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Paradisi (Grapefruit) Fruit Water...	UT 40(S3):5-38, 2021
Citrus Paradisi (Grapefruit) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Paradisi (Grapefruit) Juice...	UT 40(S3):5-38, 2021
Citrus Paradisi (Grapefruit) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Paradisi (Grapefruit) Peel Extract...	UT 40(S3):77-99, 2021
Citrus Paradisi (Grapefruit) Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Paradisi (Grapefruit) Seed Extract...	UT 40(S3):38-52,2021
Citrus Paradisi (Grapefruit) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Citrus Reticulata (Tangerine) Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Reticulata (Tangerine) Extract...	UT 40(S3):38-52,2021
Citrus Reticulata (Tangerine) Fruit	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Reticulata (Tangerine) Fruit...	UT 40(S3):5-38, 2021
Citrus Reticulata (Tangerine) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Reticulata (Tangerine) Fruit Extract...	UT 40(S3):5-38, 2021

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Reticulata (Tangerine) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Reticulata (Tangerine) Fruit Water...	UT 40(S3):5-38, 2021
Citrus Reticulata (Tangerine) Leaf Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Reticulata (Tangerine) Leaf Oil...	UT 40(S3):53-76,2021
Citrus Reticulata (Tangerine) Leaf Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Reticulata (Tangerine) Leaf Water...	UT 40(S3):53-76,2021
Citrus Reticulata (Tangerine) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Reticulata (Tangerine) Peel Extract...	UT 40(S3):77-99, 2021
Citrus Reticulata (Tangerine) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Reticulata (Tangerine) Peel Oil...	UT 38(S2):33-59,2019
Citrus Reticulata (Tangerine) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Reticulata (Tangerine) Peel Powder...	UT 40(S3):77-99, 2021
Citrus Shunkokan Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Shunkokan Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Shunkokan Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Shunkokan Peel Extract...	UT 40(S3):77-99, 2021
Citrus Sinensis (Orange) Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Sinensis (Orange) Flower Water...	UT 40(S3):53-76,2021
Citrus Sinensis (Orange) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sinensis (Orange) Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Sinensis (Orange) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sinensis (Orange) Fruit Water...	UT 40(S3):5-38, 2021
Citrus Sphaerocarpa Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sphaerocarpa Fruit Juice...	UT 40(S3):5-38, 2021
Citrus Sudachi Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sudachi Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Sudachi Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sudachi Fruit Juice...	UT 40(S3):5-38, 2021
Citrus Sunki Peel Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Sunki Peel Extract...	UT 40(S3):77-99, 2021
Citrus Sunki Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Sunki Seed Extract...	UT 40(S3):38-52,2021
Citrus Sunki Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Sunki Seed Oil...	UT 40(S3):38-52,2021
Citrus Tachibana/Reticulata Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tachibana/Reticulata Fruit Juice...	UT 40(S3):5-38, 2021
Citrus Tachibana/Reticulata Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Tachibana/Reticulata Peel Oil...	UT 38(S2):33-59,2019
Citrus Tachibana/Reticulata Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Tachibana/Reticulata Peel Powder...	UT 40(S3):77-99, 2021
Citrus Tamurana Flower Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Tamurana Flower Extract...	UT 40(S3):53-76,2021
Citrus Tamurana Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tamurana Fruit Extract...	UT 40(S3):5-38, 2021
Citrus Tangelo Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tangelo Fruit Juice...	UT 40(S3):5-38, 2021

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Unshiu Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Unshiu Peel Water...	UT 40(S3):77-99, 2021
Citrus Unshiu/Citrus Reticulata/Citrus Iyo Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu/Citrus Reticulata/Citrus Iyo Fruit Water...	UT 40(S3):5-38, 2021
Citrus Unshiu/Sinensis/Reticulata Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu/Sinensis/Reticulata Fruit Extract...	UT 40(S3):5-38, 2021
Cladosiphon Novae-Caledoniae Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Cladosiphon Okamuranus Extract	S		Final Report 09/2019 Available from CIR
Coal Tar	UNS	The available data are insufficient to support the safety of Coal Tar for use in cosmetic products as described in this safety assessment.	UT 27(Suppl. 2):1-24, 2008
Cocamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Cocamide DEA...	JACT 5(S):415-454, 1986; JACT 15(6):527-542, 1996; UT 32(Suppl. 1):36-58, 2013
Cocamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Cocamide MEA	UT 18(S2):9-16, 1999; UT 34(Suppl.1):18-34, 2015
Cocamide Methyl MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Cocamide Methyl MEA...	UT 34(Suppl.1):18-34, 2015
Cocamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Cocamide MIPA...	Final Report 12/2019 Available from CIR
Cocamidopropyl Betainamide MEA Chloride	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Cocamidopropyl Betainamide MEA Chloride...	UT 34(Suppl.1):18-34, 2015
Cocamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Cocamidopropyl Betaine...	JACT 10(1):33-52, 1991; UT 31(Suppl. 1):77-111, 2012
Cocamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Cocamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Cocamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Cocamidopropylamine Oxide	S; I	Based on the data contained in this report, the CIR Expert Panel concludes that Cocamidopropylamine Oxide is safe as a cosmetic ingredient in rinse-off cosmetic products in the practices of use and concentrations described in this safety assessment, but the data are insufficient to make a determination of safety for use in leave-on cosmetic products.	UT 19(S2):1-5, 2000; UT 27(Suppl. 1):55-62, 2008
Coceth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-10...	UT 31(Suppl. 2):169-244, 2012
Coceth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-20...	UT 31(Suppl. 2):169-244, 2012
Coceth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-25...	UT 31(Suppl. 2):169-244, 2012
Coceth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-3...	UT 31(Suppl. 2):169-244, 2012
Coceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-5...	UT 31(Suppl. 2):169-244, 2012
Coceth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-6...	UT 31(Suppl. 2):169-244, 2012
Coceth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-7...	UT 31(Suppl. 2):169-244, 2012
Coceth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-8...	UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding [†]	Conclusion	Citation [‡]
Coco-Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Coco-Betaine...	Final Report 3/2014 Available from CIR
Coco-Caprylate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Coco-Caprylate/Caprates	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Coco-Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Coco-Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Coco-Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Coco-Rapeseedate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Coco-Sultaine	S		Final Report 06/2018 Available from CIR
Coco/Oleamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Coco/Oleamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Coco/Sunfloweramidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Coco/Sunfloweramidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Cocoa Butter Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Cocoa Butter Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Cocamphoacetate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Cocamphodiacetate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Cocamphodipropionate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Cocamphopropionate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Cocoglycerides	S		UT 30(Suppl. 1):5-16, 2011
Coconut Acid	S		JACT 5(3):103-121, 1986;
Coconut Alcohol	S		UT 30(Suppl. 1):5-16, 2011; IJT 36(Suppl. 3):51-129, 2017
Coconut Flower Sugar	S		UT 30(Suppl. 1):5-16, 2011
Coconut Oil	S		Final Report Available from CIR 03/2021
Coconut Oil Decyl Esters	S		JACT 5(3):103-121, 1986;
			UT 30(Suppl. 1):5-16, 2011; IJT 36(Suppl. 3):51-129, 2017
Coconut Oil MIPA Amides	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Coconut Oil MIPA Amides...	Final Report 12/2019 Available from CIR
Coconut Oil PEG-10 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Coconut Oil PEG-10 Esters...	IJT 33(Suppl.4):13-39, 2014
Coconut Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Coconut Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Cocos Nucifera (Coconut) Flower Extract	S		Final Report Available from CIR 03/2021
Cocos Nucifera (Coconut) Flower Nectar Extract	S		Final Report Available from CIR 03/2021
Cocos Nucifera (Coconut) Fruit	S		Final Report Available from CIR 03/2021
Cocos Nucifera (Coconut) Fruit Extract	S		Final Report Available from CIR 03/2021
Cocos Nucifera (Coconut) Fruit Juice	S		Final Report Available from CIR 03/2021
Cocos Nucifera (Coconut) Fruit Powder	S		Final Report Available from CIR 03/2021
Cocos Nucifera (Coconut) Fruit Water	S		Final Report Available from CIR 03/2021
Cocos Nucifera (Coconut) Fruit/Fruit Juice Extract	S		Final Report Available from CIR 03/2021
Cocos Nucifera (Coconut) Liquid Endosperm	S		Final Report Available from CIR 03/2021
Cocos Nucifera (Coconut) Oil	S		JACT 5(3):103-121, 1986; IJT 30(Suppl. 1):5-16, 2011; IJT 36(Suppl. 3):51-129, 2017
Cocos Nucifera (Coconut) Seed Butter	S		UT 36(Suppl. 3):51-129, 2017
Cocos Nucifera (Coconut) Shell Powder	I	The panel also concluded that the available data are insufficient to make a determination that Cocos Nucifera (Coconut) Shell Powder is safe under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 03/2021
Cocotrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cocotrimonium Chloride...	UT 31(Suppl. 3):296-341, 2012
Cocotrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cocotrimonium Methosulfate...	UT 31(Suppl. 3):296-341, 2012
Cocoyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Cocoyl Glutamic Acid	UT 36(Suppl. 1):17-56, 2017
Cocoyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Cocoyl Sarcosine...	UT 20(S1):1-14, 2001; IJT 40(S2):117-133, 2021
Cocoylcholine Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cocoylcholine Methosulfate...	UT 31(Suppl. 3):296-341, 2012
Cod Liver/Mink/Tallow Triglyceride	S		Final Report 12/2017 Available from CIR
Coffee Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Coffee Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Coix Lacryma-Jobi (Job's Tears) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Collagen	S		Final Report 9/2017 Available from CIR
Collagen Amino Acids	S		UT 33(Suppl.4):5-12, 2014
Collodion	S		UT 35(Suppl. 1):50-59, 2016
Copper Citrate	S		UT 33(Suppl.2):16-46, 2014
Copper Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Corallina Officinalis Extract	S		Final Report Available from CIR 09/2021
Corallina Officinalis Powder	S		Final Report Available from CIR 09/2021
Corallina Officinalis Thallus Extract	S		Final Report Available from CIR 09/2021
Corn (Zea Mays) Cob Meal	S		UT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Cob Powder	S		UT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Flour	S		UT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Germ Extract	S		UT 30(Suppl. 1):17-39, 2011

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Ingredient	Finding†	Conclusion	Citation‡
Corn (Zea Mays) Germ Oil	S		UT 36(Suppl. 3):51-129, 2017; UT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Gluten Protein	S		UT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Kernel Extract	S		UT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Meal	S		UT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Oil	S		UT 36(Suppl. 3):51-129, 2017; BT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017; BT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Silk Extract	S		UT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Starch	S		UT 30(Suppl. 1):17-39, 2011
Corn Acid	S		UT 30(Suppl. 1):17-39, 2011; UT 36(Suppl. 3):51-129, 2017
Corn Gluten Amino Acids	S		UT 33(Suppl. 4):5-12, 2014
Corn Glycerides	S		UT 30(Suppl. 1):17-39, 2011
Corn Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Corn Oil PEG-6 Esters...	UT 33(Suppl. 4):13-39, 2014
Corn Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Corn Oil PEG-8 Esters...	UT 33(Suppl. 4):13-39, 2014
Corn Starch Modified	S		Final Report 9/2015 Available from CIR
Cornamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Cornamide DEA...	UT 32(Suppl. 1):36-58, 2013
Cornamide/Cocamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Cornamide/Cocamide DEA...	UT 32(Suppl. 1):36-58, 2013
Corylus Americana (Hazel) Seed Oil	S		UT 20(S1):15-20, 2001; UT 36(Suppl. 3):51-129, 2017
Corylus Americana (Hazel) Leaf Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	UT 20(S1):15-20, 2001
Corylus Americana (Hazel) Seed Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	UT 20(S1):15-20, 2001
Corylus Avellana (Hazel) Seed Oil	S		UT 20(S1):15-20, 2001; UT 36(Suppl. 3):51-129, 2017
Corylus Avellana (Hazel) Leaf Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	UT 20(S1):15-20, 2001
Corylus Avellana (Hazel) Seed Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	UT 20(S1):15-20, 2001
Cottonseed (Gossypium) Oil	S		UT 20(S2):21-29, 2001; UT 36(Suppl. 3):51-129, 2017
Cottonseed Acid	S		UT 20(S2):21-29, 2001; UT 36(Suppl. 3):51-129, 2017
Cottonseed Glyceride	SQ	Based on the available data, the CIR Panel concludes that Hydrogenated Cottonseed (Gossypium Oil), Cottonseed Acid, Cottonseed Glyceride, and Hydrogenated Cottonseed Glyceride are safe as used in cosmetic products, provided that established limits on gossypol, heavy metals, and pesticide concentrations are not exceeded.	UT 20(S2):21-29, 2001
Crambe Abyssinica Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Crotonic Acid/Vinyl C8-12 Isoalkyl Esters/VA/Bis-Vinylmethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Cucumis Sativus (Cucumber) Extract	S		UT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Fruit	S		UT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Fruit Extract	S		UT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Fruit Water	S		UT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Juice	S		UT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Seed Extract	S		UT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Cucurbita Pepo (Pumpkin) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Cupuassuamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Cupuassuamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Cyamopsis Tetragonoloba (Guar) Gum	S		UT 34(Suppl. 1):35-65, 2015
Cyanidium Caldarium Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Cyclodextrin	S		Final Report 9/2015 Available from CIR
Cyclodextrin Hydroxypropyltrimonium Chloride	S		Final Report 9/2015 Available from CIR
Cyclodextrin Laurate	S		Final Report 9/2015 Available from CIR
Cycloheptasiloxane	S		UT 30(Suppl. 3):149-227, 2011
Cyclohexasiloxane	S		UT 30(Suppl. 3):149-227, 2011
Cyclohexyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that...Cyclohexyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl. 5):53-100, 2005
Cyclohexyl Methacrylate/Ethylhexyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Cyclohexyl Methacrylate/Ethylhexyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Cyclomethicone	S		JACT 10(1):9-19, 1991; UT 30(Suppl. 3):149-227, 2011
Cyclopentasiloxane	S		UT 30(Suppl. 3):149-227, 2011
Cyclotetraglucose	S		Final Report 9/2015 Available from CIR
Cyclotetrasiloxane	S		UT 30(Suppl. 3):149-227, 2011
Cynara Cardunculus Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Cysteine	S		UT 32(Suppl. 4):41-64, 2013
Cysteine HCl	S		UT 32(Suppl. 4):41-64, 2013
Cystine	S		UT 32(Suppl. 4):41-64, 2013
Cystoseira Amentacea/Caespitosa/Branchycarpa Extract	S		Final Report 09/2019 Available from CIR
Cystoseira Baccata Extract	S		Final Report 09/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Cystoseira Balearica Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Cystoseira Caespitosa Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Cystoseira Compressa Extract	S		Final Report 09/2019 Available from CIR
Cystoseira Compressa Powder	S		Final Report 09/2019 Available from CIR
Cystoseira Tamariscifolia Extract	S		Final Report 09/2019 Available from CIR
DEA Stearate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-C12-13 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-C12-13 Pareth-3 Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-C12-15 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Cetyl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Cocoamphodipropionate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Dodecylbenzenesulfonate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 29(Suppl. 4):288-305, 2010; UT 36(Suppl 2):89-110, 2017
DEA-Isostearate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Laureth Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Lauryl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Linoleate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Methyl Myristate Sulfonate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Myreth Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Myristate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Myristyl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
Decene/Butene Copolymer	S		UT 39(S2):59-90,2020
Deceth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-10...	UT 31(Suppl. 2):169-244, 2012
Deceth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-3...	UT 31(Suppl. 2):169-244, 2012
Deceth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-4...	UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Deceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-5...	UT 31(Suppl. 2):169-244, 2012
Deceth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-6...	UT 31(Suppl. 2):169-244, 2012
Deceth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-7...	UT 31(Suppl. 2):169-244, 2012
Deceth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-8...	UT 31(Suppl. 2):169-244, 2012
Deceth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-9...	UT 31(Suppl. 2):169-244, 2012
Decyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Decyl Betaine...	Final Report 3/2014 Available from CIR
Decyl Castorate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Cocoate	SQ	The CIR Expert Panel concludes that Ammonium Cocomonoglyceride Sulfate, Butylene Glycol Cocoate, Caprylic/Capric/Coco Glycerides, Cocoglycerides, Coconut Acid, Coconut Alcohol, Coconut Oil Decyl Esters, Cocos Nucifera (Coconut) Oil, Decyl Cocoate, Ethylhexyl Cocoate, Hydrogenated Coco-Glycerides, Hydrogenated Coconut Acid, Hydrogenated Coconut Oil, Isodecyl Cocoate, Lauryl Cocoate, Magnesium Cocoate, Methyl Cocoate, Octyldodecyl Cocoate, Pentaerythrityl Cocoate, Potassium Cocoate, Potassium Hydrogenated Cocoate, Sodium Cocoate, Sodium Cocomonoglyceride Sulfate, Sodium Hydrogenated Cocoate, and Tridecyl Cocoate are safe for use as cosmetic ingredients.	UT 30(Suppl. 1):5-16, 2011; UT 34(Suppl.2):5-69, 2015
Decyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Decyl Glucoside...	UT 32(Suppl. 3):22-48, 2013
Decyl HDI/PEG-180 Crosspolymer	S		Final Report 06/2016 available from CIR
Decyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Jojobate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Decyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 1(2):85-95, 1982; UT 22(Suppl. 1):1-35, 2003; UT 34(Suppl.2):5-69, 2015
Decyl Oliviate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Succinate	S		UT 31(Suppl 1):5-76, 2012
Decylene Glycol	S		UT 31(Suppl. 2):147-168, 2012
Decyltetradeceth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-10...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-15...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-20...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-25...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-30...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-5...	UT 31(Suppl. 2):169-244, 2012
Decyltetradecyl Cetearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015

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Ingredient	Finding*	Conclusion	Citation†
Decyltetradecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Decyltetradecyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Defatted Citrus Unshiu Fruit	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Defatted Citrus Unshiu Fruit...	IJT 40(S3):5-38, 2021
Dehydroacetic Acid	S		JACT 4(3):123-159, 1985; IJT 27(Suppl. 1):77-142, 2008
Dehydroxanthan Gum	S		IJT 35(Suppl. 1):5-49, 2016
Delesseria Sanguinea Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Denatonium Benzoate	S		IJT 27(Suppl. 1):1-43, 2008
Dextran	S		IJT 35(Suppl. 1):5-49, 2016
Dextran Hydroxypropyltrimonium Chloride	S		IJT 35(Suppl. 1):5-49, 2016
Dextran Sulfate	S		IJT 35(Suppl. 1):5-49, 2016
Dextrin	S		Final Report 9/2015 Available from CIR
Dextrin Behenate	S		Final Report 9/2015 Available from CIR
Dextrin Isostearate	S		Final Report 9/2015 Available from CIR
Dextrin Laurate	S		Final Report 9/2015 Available from CIR
Dextrin Myristate	S		Final Report 9/2015 Available from CIR
Dextrin Palmitate	S		Final Report 9/2015 Available from CIR
Dextrin Palmitate/Ethylhexanoate	S		Final Report 9/2015 Available from CIR
Dextrin Stearate	S		Final Report 9/2015 Available from CIR
Di-C12-13 Alkyl Malate	S		IJT 34(Suppl. 1):5-17, 2015
Di-C12-15 Alkyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Di-C12-15 Alkyl Fumarate	S		Final Report 3/2009 Available from CIR
Di-C16-18 Alkyl Dimer Dilinoleate	S		Final Report 10/2018 Available from CIR
Di-C20-40 Alkyl Dimer Dilinoleate	S		Final Report Available 10/2018 FR
Di-HEMA Trimethylhexyl Dicarbamate	SQ	Based on available data, the CIR Expert Panel concluded that ...Di-HEMA Trimethylhexyl Dicarbamate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Di-t-Butylhydroquinone	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Di-t-Butylhydroquinone for use in cosmetic products.	JACT 15(4):301-310, 1996
Diammonium Citrate	S		IJT 33(Suppl.2):16-46, 2014
Diammonium EDTA	S		IJT 21(Suppl.2):95-142, 2002
Diammonium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Diammonium Phosphate...	IJT 40(S1):34-85;2021
Diamyl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diamyl Sodium Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Diazolidinyl Urea	SQ	On the basis of the animal and clinical data presented in this report, the CIR Expert Panel concludes that Diazolidinyl Urea is safe as a cosmetic ingredient up to a maximum concentration of 0.5 percent. Note: In 2006, the CIR Expert Panel considered available new data on this ingredient and confirmed the above conclusion.	JACT 9(2):229-245, 1990; IJT 27(Suppl. 1):77-142, 2008
Dibehenyl Fumarate	S		Final Report 3/2009 Available from CIR
Dibutyl Adipate	S		JACT 15(4):295-300, 1996; IJT 25(Suppl. 1):129-134, 2006; IJT 31(Suppl 1):5-76, 2012
Dibutyl Phthalate	S		JACT 4(3):267-303, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 36(Suppl 2):14-58, 2017
Dibutyl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Dibutylolyl Malate	S		IJT 34(Suppl. 1):5-17, 2015
Dibutylolyl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Dicalcium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Dicalcium Phosphate...	IJT 40(S1):34-85;2021
Dicalcium Phosphate Dihydrate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Dicalcium Phosphate Dihydrate...	IJT 40(S1):34-85;2021
Dicapryl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Dicapryl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Dicapryl Sodium Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Dicapryl Succinate	S		IJT 31(Suppl 1):5-76, 2012
Dicaprylyl Carbonate	SQ	The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Dicaprylyl Carbonate...	Final Report 12/2016 Available from CIR
Dicaprylyl/Capryl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Dicetearyl Dimer Dilinoleate	S		IJT 22(Suppl.2):45-61, 2003
Dicetearyl Succinate	S		IJT 31(Suppl 1):5-76, 2012
Dicetyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Dicetyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Dicetyl Phosphate...	IJT 38(S2):12-32,2019
Dicetyl Thiodipropionate	SQ	The CIR Expert Panel concludes that Diauryl Thiodipropionate, Thiodipropionic Acid, Dicetyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	IJT 29(Suppl. 3):137-150,2010
Dichlorophene	Z	The CIR Expert Panel concludes that the available data are insufficient to support safety of Dichlorophene or Chlorophene.	IJT 23(Suppl. 1):1-27, 2004
Dictyopteris Polypodioides Extract	S		Final Report 09/2019 Available from CIR
Dictyota Coriacea Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations.	Final Report 09/2019 Available from CIR
Dierucic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Dierucic Acid...	Final Report 04/2019 Available from CIR
Diethanolamine	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	JACT 2(7):183-235, 1983; IJT 36(Suppl 2):89-110, 2017

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Ingredient	Finding*	Conclusion	Citation†
		The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	
Diethanolamine Bisulfate	SQ		IJT 36(Suppl 2):89-110, 2017
Diethyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Diethyl Malonate	S		IJT 31(Suppl 1):5-76, 2012
Diethyl Phthalate	S		JACT 4(3):267-303, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 36(Suppl 2):14-58, 2017
Diethyl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Diethyl Succinate	S		IJT 31(Suppl 1):5-76, 2012
Diethylene Glycol Diethylhexanoate/Diisononanoate	S		Final Report 3/2015 Available from CIR
Diethylene Glycol Diisononanoate	S		Final Report 3/2015 Available from CIR
Diethylene Glycol/DMAP Acrylamide/PEG-180/HDI Copolymer	S		Final Report 06/2016 available from CIR
Diethylhexyl Adipate	S		JACT 3(3):101-130, 1984; IJT 24(Suppl. 1):1-102, 2005; IJT 25(Suppl. 2) :1-89,2006; IJT 31(Suppl 1):5-76, 2012
		The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Diethylhexyl Carbonate...	
Diethylhexyl Carbonate	SQ		Final Report 12/2016 Available from CIR
Diethylhexyl Dimer Dilinoleate	S		Final Report 10/2018 Available from CIR
Diethylhexyl Fumarate	S		Final Report 3/2009 Available from CIR
Diethylhexyl Malate	S		UT 34(Suppl. 1):5-17, 2015
Diethylhexyl Sebacate	S		UT 31(Suppl 1):5-76, 2012
		The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diethylhexyl Sodium Sulfosuccinate...	
Diethylhexyl Sodium Sulfosuccinate	SQ		IJT 17(S4):1-20, 1998; IJT 35(Suppl. 3):34-46, 2016
Diethylhexyl Succinate	S		UT 31(Suppl 1):5-76, 2012
Diethylpentanediol Dineopentanoate	S		Final Report 9/2017 Available from CIR
		The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	
Digenea Simplex Extract	I		Final Report Available from CIR 09/2021
		The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diheptyl Sodium Sulfosuccinate...	
Diheptyl Sodium Sulfosuccinate	SQ		IJT 35(Suppl. 3):34-46, 2016
Dihexylundecyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Dihexyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
		The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Dihexyl Sodium Sulfosuccinate...	
Dihexyl Sodium Sulfosuccinate	SQ		IJT 35(Suppl. 3):34-46, 2016
Dihexyldecyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Dihexyldecyl Sebacate	S		UT 31(Suppl 1):5-76, 2012
Dihydrocholesteryl Nonanoate	S		Final Report 3/2015 Available from CIR
Dihydrogenated Tallow Benzylmonium Hectorite	S		IJT 32(Suppl. 4):33-40, 2013
Dihydrophytosteryl Octyldecanoate	S		Final Report 12/2013 Available from CIR
Diisoamyl Malate	S		UT 34(Suppl. 1):5-17, 2015
Diisobutyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisobutyl Glutarate	S		UT 31(Suppl 1):5-76, 2012
		The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diisobutyl Sodium Sulfosuccinate...	
Diisobutyl Sodium Sulfosuccinate	SQ		IJT 35(Suppl. 3):34-46, 2016
Diisobutyl Succinate	S		UT 31(Suppl 1):5-76, 2012
Diisocetyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisocetyl Dodecanedioate	S		UT 31(Suppl 1):5-76, 2012
Diisodecyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisononyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisooctyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisooctyl Sebacate	S		UT 31(Suppl 1):5-76, 2012
		The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	
Diisopropanolamine	SQ		JACT 6(1):53-76, 1987; IJT 25(Suppl. 2) :1-89,2006
Diisopropyl Adipate	S		JACT 3(3):101-130, 1984; IJT 24(Suppl. 1):1-102, 2005; IJT 25(Suppl. 2) :1-89,2006; IJT 31(Suppl 1):5-76, 2012
Diisopropyl Dimer Dilinoleate	S		UT 22(Suppl.2):45-61, 2003
Diisopropyl Sebacate	S		UT 31(Suppl 1):5-76, 2012
		On the basis of the data presented in this report, the CIR Expert Panel concludes that Diisopropylamine is safe as a cosmetic ingredient as presently used. Diisopropylamine should not be used in products containing N-nitrosating agents.	
Diisopropylamine	SQ		JACT 14(3):182-192, 1995; IJT 30(Suppl. 2):73-127, 2011
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Diisostearyl Polyglyceryl-3 Dimer Dilinoleate...	
Diisostearyl Polyglyceryl-3 Dimer Dilinoleate	SQ		Final Report 9/2016 Available from CIR
Diisostearyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisostearyl Dimer Dilinoleate	S		UT 22(Suppl.2):45-61, 2003
Diisostearyl Fumarate	S		Final Report 3/2009 Available from CIR
Diisostearyl Glutarate	S		UT 31(Suppl 1):5-76, 2012
Diisostearyl Malate	S		UT 34(Suppl. 1):5-17, 2015
Diisostearyl Sebacate	S		UT 31(Suppl 1):5-76, 2012
Dilauryl Citrate	S		UT 33(Suppl.2):16-46, 2014
		The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicyetyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	
Dilauryl Thiodipropionate	SQ		JACT 11(1):25-41, 1992; IJT 29(Suppl. 3) :137-150,2010
		The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Dilinoeamidopropyl Dimethylamine...	
Dilinoeamidopropyl Dimethylamine	SQ		UT 38(S1):39-69,2019
		The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Dilinoelic Acid...	
Dilinoelic Acid	SQ		Final Report 04/2019 Available from CIR
		The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	
Dilsea Carnosa Extract	I		Final Report Available from CIR 09/2021
Dimethicone	S		UT 22(Suppl. 2):11-35, 2003
Dimethicone Copolyol	S		JACT 1(4):35-54, 1982; IJT 24(Suppl. 1):1-102, 2005
Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone Crosspolymer-3	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone PEG-10 Phosphate	S		JACT 1(4):35-54, 1982; IJT 24(Suppl. 1):1-102, 2005
Dimethicone PEG-6 Acetate	S		UT 24(Suppl. 1):1-102, 2005
Dimethicone PEG-7 Phosphate	S		JACT 1(4):35-54, 1982; IJT 24(Suppl. 1):1-102, 2005
Dimethicone PEG-8 Adipate	S		JACT 1(4):35-54, 1982; IJT 24(Suppl. 1):1-102, 2005
Dimethicone PEG-8 Benzoate	S		JACT 1(4):35-54, 1982; IJT 24(Suppl. 1):1-102, 2005

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Dimethicone PEG/PPG-12/4 Phosphate	S		JACT 1(4):35-54, 1982; JUT 24(Suppl. 1):1-102, 2005
Dimethicone PEG/PPG-20/23 Benzoate	S		JACT 1(4):35-54, 1982; JUT 24(Suppl. 1):1-102, 2005
Dimethicone PEG/PPG-7/4 Phosphate	S		JACT 1(4):35-54, 1982; JUT 24(Suppl. 1):1-102, 2005
Dimethicone/Bis-Isobutyl PPG-20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Bis-Vinyldimethicone/Silsesquioxane Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Divinyldimethicone/Silsesquioxane Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Lauryl Dimethicone/Bis-Vinyldimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/PEG-10 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/PEG-10/15 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/PEG-15 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Phenyl Vinyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Polyglycerin-3 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/PPG-20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Silsesquioxane Copolymer	S		Final Report 12/2017 Available from CIR
Dimethicone/Titanate Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Vinyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Vinyltrimethylsiloxyisilicate Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethiconol	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Arginine	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Beeswax	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Behenate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Borageate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Candellillate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Carnaubate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Cysteine	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Dhupa Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Hydroxystearate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Illipe Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Isostearate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Kokum Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Lactate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Meadowfoamate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Methionine	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Mohwa Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Panthenol	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Sal Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Stearate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol/Caprylsilsesquioxane/Silicate Crosspolymer	S		Final Report 12/2017 Available from CIR
Dimethiconol/Methylsilanol/Silicate Crosspolymer	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol/Silica Crosspolymer	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol/Silsesquioxane Copolymer	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol/Stearyl Methicone/Phenyl Trimethicone Copolymer	S		UT 36(Suppl. 3):31-50, 2017
Dimethoxysilyl Ethylenediaminopropyl Dimethicone	S		UT 22(Suppl. 2):11-35, 2003
Dimethyl Adipate	S		UT 31(Suppl. 1):5-76, 2012
Dimethyl Behenamine	S		Final Report 12/2009 Available from CIR
		The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Dimethyl Carbonate...	
Dimethyl Carbonate	SQ		Final Report 12/2016 Available from CIR
Dimethyl Cocamine	S		Final Report 12/2009 Available from CIR
Dimethyl Glutarate	S		UT 31(Suppl. 1):5-76, 2012
Dimethyl Hydrogenated Tallowamine	S		Final Report 12/2009 Available from CIR
Dimethyl Lauramine	S		JACT 14(6):428-432, 1995; Final Report 12/2009 Available from CIR
Dimethyl Myristamine	S		Final Report 12/2009 Available from CIR
Dimethyl Palmitamine	S		Final Report 12/2009 Available from CIR
Dimethyl Phthalate	S		JACT 4(3):267-303, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 36(Suppl. 2):14-58, 2017
Dimethyl Soyamine	S		Final Report 12/2009 Available from CIR
Dimethyl Stearamine	S		JACT 14(6):428-432, 1995; Final Report 12/2009 Available from CIR
Dimethyl Succinate	S		UT 31(Suppl. 1):5-76, 2012
Dimethyl Tallowamine	S		Final Report 12/2009 Available from CIR
Dimethylacrylamide/Sodium Acryloyldimethyltaurate Crosspolymer	S		Final Report 4/2017 Available from CIR
		The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Dimyristyl Phosphate...	
Dimyristyl Phosphate	SQ		UT 38(S2):12-32,2019
		The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicyetyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	
Dimyristyl Thiodipropionate	SQ		UT 29(Suppl. 3):137-150,2010
Diocetadecanyl Didecyltetradecanoate	S		Final Report 9/2017 Available from CIR
Diocetadecanyl Ditetradecyloctadecanoate	S		Final Report 9/2017 Available from CIR
Diocetyl Adipate	S		JACT 3(3):101-130, 1984; IJT 24(Suppl. 1):1-102, 2005; IJT 25(Suppl. 2) :1-89,2006; IJT 31(Suppl. 1):5-76, 2012
Diocetyl Dimer Dilinoleate	S		UT 22(Suppl.2):45-61, 2003
		The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diocetyl Sodium Sulfosuccinate...	
Diocetyl Sodium Sulfosuccinate	SQ		UT 17(S4):1-20, 1998; IJT 35(Suppl. 3):34-46, 2016
Diocetyldodecyl Adipate	S		UT 31(Suppl. 1):5-76, 2012
Diocetyldodecyl Dimer Dilinoleate	S		UT 22(Suppl. 2):45-61, 2003
Diocetyldodecyl Dodecanedioate	S		UT 31(Suppl. 1):5-76, 2012
Diocetyldodecyl Malate	S		UT 34(Suppl. 1):5-17, 2015
Diocetyldodecyl Sebacate	S		UT 31(Suppl. 1):5-76, 2012
		The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Dioleilyl Phosphate...	
Dioleilyl Phosphate	SQ		UT 38(S2):12-32,2019
Dioleilyl Tocopheryl Methylsilanol	S		UT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Dioscorea Villosa (Wild Yam) Root Extract	S		Final Report 9/1999 Available from CIR; IJT 23 (Suppl.2:49-54,)2004
		The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Dipalmitoyl Cystine	
Dipalmitoyl Cystine	SQ		UT 36(Suppl. 1):17-56, 2017
Dipentaerythryl Pentaoxonanoate	S		Final Report 3/2015 Available from CIR
Diphenyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Diphenyl Dimethicone/Vinyl Diphenyl Dimethicone/Silsesquioxane Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dipotassium Aspartate	S		UT 32(Suppl. 4):41-64, 2013
Dipotassium Azelate	S		UT 31(Suppl. 1):5-76, 2012
		The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Dipotassium Capryloyl Glutamate	
Dipotassium Capryloyl Glutamate	SQ		UT 36(Suppl. 1):17-56, 2017
Dipotassium EDTA	S		UT 21(Suppl.2):95-142, 2002
Dipotassium Glycyrrhizate	S		UT 26(Suppl. 2):79-112, 2007
		The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Dipotassium Phosphate...	
Dipotassium Phosphate	SQ		UT 40(S1):34-85,2021
		The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Dipotassium Undecylenoyl Glutamate	
Dipotassium Undecylenoyl Glutamate	SQ		UT 36(Suppl. 1):17-56, 2017
Dipropyl Adipate	S		UT 31(Suppl. 1):5-76, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Dipropyl Carbonate	SQ	The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Dipropyl Carbonate...	Final Report 12/2016 Available from CIR
Dipropylene Glycol	S		JACT 4(5):223-248, 1985; IJT 25(Suppl. 2) :1-89,2006
Disodium Adenosine Phosphate	S		Final Report 09/2020 Available from CIR
Disodium Adenosine Triphosphate	S		Final Report 09/2020 Available from CIR
Disodium Azelate	S		UT 31(Suppl 1):5-76, 2012
Disodium C12-14 Pareth-1 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Pareth-1 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium C12-14 Pareth-2 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Pareth-2 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-12 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-12 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-3 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-3 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-5 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-5 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-7 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-7 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-9 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-9 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium C12-15 Pareth Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-15 Pareth Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium Capryloyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Capryloyl Glutamate	UT 36(Suppl. 1):17-56, 2017
Disodium Coceth-3 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Coceth-3 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium Cocomphodiacetate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Disodium Cocomphodipropionate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Disodium Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Cocoyl Glutamate	UT 36(Suppl. 1):17-56, 2017
Disodium Cupric Citrate	S		UT 33(Suppl.2):16-46, 2014
Disodium Deceth-5 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Deceth-5 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium Deceth-6 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Deceth-6 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium EDTA	S		UT 21(Suppl.2):95-142, 2002
Disodium Etidronate	S		Final Report 4/2017 Available from CIR
Disodium Fumarate	S		Final Report 3/2009 Available from CIR
Disodium Glucose Phosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed be low are safe under the intended conditions of use in cosmetic formulations. Disodium Glucose Phosphate...	Final Report 10/2018 Available from CIR
Disodium Glycyrrhizate	S		UT 26(Suppl. 2):79-112, 2007
Disodium Hydrogenated Tallow Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Hydrogenated Tallow Glutamate	UT 36(Suppl. 1):17-56, 2017
Disodium Laneth-5 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laneth-5 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium Laureth Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laureth Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium Laureth-12 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laureth-12 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium Laureth-6 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laureth-6 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium Laureth-9 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laureth-9 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium Lauriminodipropionate	S		UT 32(Suppl. 3):49-55, 2013
Disodium Lauroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Lauroyl Glutamate	UT 36(Suppl. 1):17-56, 2017
Disodium Lauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Disodium Lauryl Phosphate...	UT 38(S2):12-32,2019
Disodium Malyl Tyrosinate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Malyl Tyrosinate	UT 36(Suppl. 1):17-56, 2017
Disodium N-Lauroyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium N-Lauroyl Aspartate	UT 36(Suppl. 1):17-56, 2017
Disodium Oleth-3 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Oleth-3 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Disodium Oleyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Disodium Oleyl Phosphate...	UT 38(S2):12-32,2019

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Ingredient	Finding*	Conclusion	Citation†
Disodium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Disodium Phosphate...	IJT 40(S1):34-85;2021
Disodium Pyrophosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Disodium Pyrophosphate...	IJT 40(S1):34-85;2021
Disodium Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Disodium Stearoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Stearoyl Glutamate	IJT 36(Suppl. 1):17-56, 2017
Disodium Succinate	S		IJT 31(Suppl 1):5-76, 2012
Disodium Succinoyl Glycyrhethinate	S		IJT 26(Suppl. 2):79-112, 2007
Disodium Undecylenoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Undecylenoyl Glutamate	IJT 36(Suppl. 1):17-56, 2017
Disperse Black 9	S		JACT 5(3):205-223, 1986; IJT 27(Suppl. 1):77-142, 2008
Disperse Blue 1	SQ	Based upon the animal and use data presented in this report, the CIR Expert Panel concludes that Disperse Blue 1 is safe for use in hair dyes at concentrations up to 1%.	JACT 14(6):433-451, 1995; IJT 30(Suppl. 2):73-127, 2011
Disperse Blue 7	Z	The CIR Expert Panel concluded that the available data are insufficient to support the safety of Disperse Blue 7 as a hair dye ingredient in cosmetic formulations.	IJT 26(Suppl. 2):65-77, 2007
Disperse Violet 1	S		JACT 10(1):103-111, 1991; IJT 30(Suppl. 2):73-127, 2011
Disperse Yellow 3	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Disperse Yellow 3 for use in cosmetic products.	JACT 15(4):311-319, 1996
Disteardimonium Hectorite	S		IJT 32(Suppl. 4):33-40, 2013
Distearyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Distearyl Thiodipropionate	SQ	The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	IJT 29(Suppl. 3):137-150,2010
Ditridecyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Ditridecyl Dimer Dilinoleate	S		IJT 22(Suppl.2):45-61, 2003
Ditridecyl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Ditridecyl Sodium Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Ditridecyl Thiodipropionate	SQ	The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	IJT 29(Suppl. 3):137-150,2010
Divinylidimethicone/Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
DMDM Hydantoin	S		JACT 7(3):245-277, 1988; IJT 27(Suppl. 1):77-142, 2008
Docosahexenoic/Docosapentenoic/Oleic/Palmitic Triglyceride	S		Final Report 12/2017 Available from CIR
Dodecanedioic Acid	S		IJT 31(Suppl 1):5-76, 2012
Dodecylhexadecyltrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Dodecylhexadecyltrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Drometrizole	S		JACT 5(5):455-470, 1986; IJT 27(Suppl. 1):63-75, 2008
Durvillea Antarctica Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 9/2019 Available from CIR
Ecklonia Cava Extract	S		Final Report 09/2019 Available from CIR
Ecklonia Cava Water	S		Final Report 09/2019 Available from CIR
Ecklonia Kurome Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia Kurome Powder	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia Maxima Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia Maxima Powder	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia Radiata Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia/Laminaria Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
EDTA	S		IJT 21(Suppl.2):95-142, 2002
Eicosatrienoic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Eicosatrienoic Acid...	Final Report 04/2019 Available from CIR
Eisenia Arborea Extract	S		Final Report 09/2019 Available from CIR
Elaeis (Palm) Fruit Oil	S		IJT 36(Suppl. 3):51-129, 2017
Elaeis Guineensis (Palm) Butter	S		IJT 36(Suppl. 3):51-129, 2017
Elaeis Guineensis (Palm) Kernel Oil	S		IJT 19(S2):7-28, 2000; IJT 36(Suppl. 3):51-129, 2017
Elaeis Guineensis (Palm) Oil	S		IJT 19(S2):7-28, 2000; IJT 36(Suppl. 3):51-129, 2017
Elaeis Oleifera Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Elastin	S		Final Report 9/2017 Available from CIR
Elastin Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Emulsifying Wax N.F.	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
Erucamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Erucic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Erucic Acid...	Final Report 04/2019 Available from CIR
Erucyl Arachidate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Erucyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Erucyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Erythorbic Acid	S		IJT 18(S3):1-26, 1999

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Ingredient	Finding†	Conclusion	Citation‡
Ethanolamine	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Ethanolamine...	JACT 2(7):183-235, 1983; IJT 34(Suppl.2):84-98, 2015
Ethanolamine HCl	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Ethanolamine HCl...	IJT 34(Suppl.2):84-98, 2015
Ethanolamine Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Ethanolamine Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Ethoxy Ethyl Methacrylate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Ethoxy Ethyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Ethoxydiglycol	S		JACT 4(5):223-248, 1985; IJT 25(Suppl. 2) :1-89,2006
Ethoxyethanol	U	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Ethoxyethanol and Ethoxyethanol Acetate are unsafe for use in cosmetic products.	IJT 18(S2):53-67, 1999; IJT 21(Suppl 1):9-62, 2002
Ethoxyethanol Acetate	U	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Ethoxyethanol and Ethoxyethanol Acetate are unsafe for use in cosmetic products.	IJT 18(S2):53-67, 1999; IJT 21(Suppl 1):9-62, 2002
Ethoxyethyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Ethoxyethyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Ethyl Acetate	S		JACT 8(4):681-705, 1989; IJT 27(Suppl. 1):77-142, 2008
Ethyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Ethyl Citrates	S		IJT 33(Suppl.2):16-46, 2014
Ethyl Ester of PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Ethyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Ethyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Ethyl Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Ethyl Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Ethyl Hexanediol	S		JACT 13(6):418-436, 1994; IJT 30(Suppl. 2):73-127, 2011
Ethyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Ethyl Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Ethyl Methacrylate	SQ	Based on the available data on the formulation of nail products containing Ethyl Methacrylate, the CIR Expert Panel concludes that this ingredient is safe as used when application is accompanied by directions to avoid skin contact because of the sensitizing potential of Ethyl Methacrylate.	JACT 14(6):452-467, 1995; IJT 21(Suppl 1):63-79, 2002
Ethyl Myristate	S		IJT 29(Suppl. 3):162-186,2010
Ethyl Pelargonate	S		Final Report 3/2015 Available from CIR
Ethyl Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Ethyl Ricinoleate	S		IJT 26(Suppl. 3):31-77, 2007
Ethyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Ethyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Ethylcellulose	S		Final Report 3/2009 Available from CIR
Ethylene Glycol Dimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ...Ethylene Glycol Dimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Ethylene/Acrylic Acid Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Ethylene/Acrylic Acid Copolymer...	IJT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Ethylene/Acrylic Acid/VA Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Ethylene/Acrylic Acid/VA Copolymer...	IJT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Ethylene/Calcium Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Ethylene/Calcium Acrylate Copolymer...	IJT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Ethylene/Magnesium Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Ethylene/Magnesium Acrylate Copolymer...	IJT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Ethylene/Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Ethylene/Methacrylate Copolymer...	IJT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Ethylene/Octene Copolymer	S		IJT 39(S2):59-90,2020
Ethylene/Propylene Copolymer	S		IJT 39(S2):59-90,2020
Ethylene/Propylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Ethylene/Sodium Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Ethylene/Sodium Acrylate Copolymer...	IJT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR

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Ingredient	Finding ^f	Conclusion	Citation ^g
Ethylene/Zinc Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylene/Zinc Acrylate Copolymer...	IJT 21(Suppl.3):1-50, 2002;Final Report 12/2018 Available from CIR
Ethylhexyl Acrylate/Methoxy PEG-23 Methacrylate/Vinyl Acetate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylhexyl Acrylate/Methoxy PEG-23 Methacrylate/Vinyl Acetate Copolymer...	Final Report 12/2018 Available from CIR
Ethylhexyl Acrylate/Methyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylhexyl Acrylate/Methyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Ethylhexyl Acrylate/VP/Dimethicone Methacrylate Copolymer	S		Final Report 12/2018 Available from CIR
Ethylhexyl Adipate/Palmitate/Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Ethylhexyl C10-40 Isoalkyl Acidate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Cocoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 1):5-16, 2011; IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ethylhexyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Ethylhexyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Isopalmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Methacrylate/Methyl Methacrylate/VP Copolymer	S		Final Report 12/2018 Available from CIR
Ethylhexyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Oliviate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Palmitate	S		JACT 1(2):13-35, 1982; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Pelargonate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Ethylhexyl Salicylate...	IJT 22(Suppl.3):1-108, 2003;Final Report 04/2019 Available from CIR
Ethylhexyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Ethylhexylglycerin	S		IJT 32(Suppl. 3):5-21, 2013
Ethylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %..Ethylparaben..	JACT 3(5):147-209, 1984; IJT 27 (Suppl. 4):1-82, 2008;IJT 39(Suppl. 1):5-97, 2020
Etidronic Acid	S		Final Report 4/2017 Available from CIR
Eucalyptus Globulus Leaf	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing:Eucalyptus Globulus Leaf...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf Extract...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf Oil	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf Oil...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf Powder	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf Powder...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf Water...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf/Twig Oil	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf/Twig Oil...	Final Report 09/2018 available from CIR
Euterpe Edulis Fruit Extract	S		Final Report 06/2020 Available from CIR
Euterpe Edulis Juice Extract	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Fruit Extract	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Fruit Oil	S		IJT 36(Suppl. 3):51-129, 2017
Euterpe Oleracea Juice	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Palm Heart Extract	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Pulp Powder	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Seed Powder	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Sterols	S		Final Report 12/2013 Available from CIR
Ferric Citrate	S		IJT 33(Suppl.2):16-46, 2014
Ferrous Fumarate	S		Final Report 3/2009 Available from CIR
Fibroin	S		IJT 39(S3):127-144,2020
Fibronectin	S		Final Report 9/2017 Available from CIR

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Ingredient	Finding*	Conclusion	Citation†
Formaldehyde	S,SQ;U	The CIR Expert Panel concluded that formaldehyde and methylene glycol are safe for use in cosmetics when formulated to ensure use at the minimal effective concentration, but in no case should the formalin concentration exceed 0.2% (w/w), which would be 0.074% (w/w) calculated as formaldehyde or 0.118% (w/w) calculated as methylene glycol. Additionally, formaldehyde and methylene glycol are safe in the present practices of use and concentration in nail hardening products. However, formaldehyde and methylene glycol are unsafe in the present practices of use and concentration in hair smoothing products (a.k.a. hair straightening products). Formalin is an aqueous solution wherein formaldehyde (gas) has been added to water to a saturation point, which is typically 37% formaldehyde (w/w). Because of the equilibrium between formaldehyde and methylene glycol in aqueous solution, formalin is composed of both formaldehyde and methylene glycol.	JACT 3(3):157-184, 1984; IJT 25(Suppl. 2) :1-89,2006; IJT 32(Suppl. 4):5-32, 2013
Formic Acid	SQ	The CIR Expert Panel concluded that formic acid and sodium formate are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-irritating.	IJT 16(Suppl.3):221-234, 1997; IJT 35(Suppl. 2):41-54, 2016
Fragaria Ananassa (Strawberry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Fragaria Chiloensis (Strawberry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Fragaria Vesca (Strawberry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Fragaria Virginiana (Strawberry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Fructose	S		IJT 38(S1):5-38,2019
Fucose	S		IJT 38(S1):5-38,2019
Fucus Serratus Extract	S		Final Report 09/2019 Available from CIR
Fucus Spiralis Extract	S		Final Report 09/2019 Available from CIR
Fucus Vesiculosus	S		Final Report 09/2019 Available from CIR
Fucus Vesiculosus Extract	S		Final Report 09/2019 Available from CIR
Fucus Vesiculosus Powder	S		Final Report 09/2019 Available from CIR
Fuller's Earth	S		IJT 22(Suppl. 1):37-102, 2003
Fumaric Acid	S		Final Report 3/2009 Available from CIR
Furcellaria Lumbricalis Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Galactoarabinan	S		Final Report 9/2015 Available from CIR
Galactose	S		IJT 38(S1):5-38,2019
Galactosyl Fructose	S		IJT 38(S1):5-38,2019
Galacturonic Acid	S		IJT 38(S1):5-38,2019
Garcinia Indica Seed Butter	S		IJT 36(Suppl. 3):51-129, 2017
Garcinia Mangostana Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Gelatin	S		Final Report 9/2017 Available from CIR
Geldiella Acerosa Extract	S		Final Report Available from CIR 09/2021
Gelidium Amansii Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Gelidium Amansii Oligosaccharides	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Gelidium Amansii Oligosaccharides	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Gelidium Pulchrum Protein	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Gelidium Sesquipedale Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Gellan Gum	S		IJT 35(Suppl. 1):5-49, 2016
Gevuina Avellana Oil	S		IJT 36(Suppl. 3):51-129, 2017
Gevuina Avellana Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Ghatti Gum	S		Final Report 9/2015 Available from CIR
Gigartina Skottsbergii Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Gigartina Stellata Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Ginkgo Biflavones	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo biloba-derived ingredients are safe under the intended conditions of use in cosmetic formulations: Ginkgo Biflavones...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing: ... Ginkgo Biloba Leaf...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf Cell Extract	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing: ... Ginkgo Biloba Leaf Cell Extract...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf Extract	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing: ...Ginkgo Biloba Leaf Extract...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf Powder	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing: ... Ginkgo Biloba Leaf Powder...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf Water	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing: Ginkgo Biloba Leaf Water...	Final Report 10/2018 available from CIR
Ginkgo Biloba Meristem Cell	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo bilobaderived ingredients are safe under the intended conditions of use in cosmetic formulations: ...Ginkgo Biloba Meristem Cell...	Final Report 10/2018 available from CIR
Ginkgo Biloba Nut Extract	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo bilobaderived ingredients are safe under the intended conditions of use in cosmetic formulations: ...Ginkgo Biloba Nut Extract...	Final Report 10/2018 available from CIR
Ginkgo Biloba Root Extract	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo bilobaderived ingredients are safe under the intended conditions of use in cosmetic formulations: ...Ginkgo Biloba Root Extract...	Final Report 10/2018 available from CIR
Ginkgo Leaf Terpenoids	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo bilobaderived ingredients are safe under the intended conditions of use in cosmetic formulations: ...Ginkgo Leaf Terpenoids	Final Report 10/2018 available from CIR
Gloiopeltis Tenax Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021

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Ingredient	Finding ^f	Conclusion	Citation [§]
Gloiopeltis Tenax Powder	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Glucosmannan	S		Final Report 9/2015 Available from CIR
Gluconic Acid	S		IJT 38(S1)-5-38,2019
Glucose	S		IJT 38(S1)-5-38,2019
Glucose Glutamate	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Glucose Glutamate for use in cosmetic products.	IJT 19(S1)-11-12, 2000
Glucose Pentaacetate	S		IJT 40(Suppl 2)-52-116,2021
Glutamic Acid	S		IJT 32(Suppl. 4):41-64, 2013
Glutamine	S		IJT 32(Suppl. 4):41-64, 2013
Glutaral	SQ	Based upon the animal and clinical data presented in this report, the CIR Expert Panel concludes that Glutaral is safe for use at concentrations up to 0.5% in rinse-off products. There is insufficient data to determine the safety of Glutaral in leave-on products. Glutaral should not be used in aerosolized products.	JACT 15(2):98-139, 1996; IJT 36(Suppl 2):14-58, 2017
Glutaric Acid	S		IJT 31(Suppl 1)-5-76, 2012
Glycereth-12	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 ethoxylated glycerin ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Glycereth-12	Final Report Available from CIR 12/2020
Glycereth-18	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 ethoxylated glycerin ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Glycereth-18	Final Report Available from CIR 12/2020
Glycereth-20	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 ethoxylated glycerin ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Glycereth-20	Final Report Available from CIR 12/2020
Glycereth-26	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 ethoxylated glycerin ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Glycereth-26	Final Report Available from CIR 12/2020
Glycereth-3	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 ethoxylated glycerin ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Glycereth-3	Final Report Available from CIR 12/2020
Glycereth-31	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 ethoxylated glycerin ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Glycereth-31	Final Report Available from CIR 12/2020
Glycereth-7	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 ethoxylated glycerin ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Glycereth-7	Final Report Available from CIR 12/2020
Glycereth-7 Diisononanoate	S		Final Report 3/2015 Available from CIR
Glycereth-8	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 ethoxylated glycerin ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Glycereth-8	Final Report Available from CIR 12/2020
Glycerin	S		IJT 38(S3)-6-22,2019
Glyceryl Acetate	S		IJT 39(S3)-93-126,2020
Glyceryl Adipate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3)-93-126,2020
Glyceryl Alginate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004;Final Report 9/2015 Available from CIR
Glyceryl Allyl Ether	S		IJT 32(Suppl. 3):5-21, 2013
Glyceryl Arachidate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3)-93-126,2020
Glyceryl Arachidonate	UNS	The Panel also concludes that the available data are insufficient to support the safety of Glyceryl Arachidonate in cosmetic formulations.	Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Behenate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3)-93-126,2020
Glyceryl Caprate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3)-93-126,2020
Glyceryl Caprylate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3)-93-126,2020
Glyceryl Caprylate/Caprate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3)-93-126,2020
Glyceryl Citrate/Lactate/Linoleate/Oleate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3)-93-126,2020
Glyceryl Cocoate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3)-93-126,2020
Glyceryl Cocoate/Citrate/Lactate	S		IJT 39(S3)-93-126,2020
Glyceryl Collagenate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Di-Hydroxystearate	SQ	The Expert Panel concluded that Á ... Glyceryl Di-Hydroxystearate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Diarachidate	SQ	The Expert Panel concluded that Á ... Glyceryl Diarachidate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dibehenate	SQ	The Expert Panel concluded that Á ... Glyceryl Dibehenate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dierucate	SQ	The Expert Panel concluded that Á ... Glyceryl Dierucate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dihydroxystearate	SQ	The Expert Panel concluded that Á ... Glyceryl Dihydroxystearate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Disopalmitate	SQ	The Expert Panel concluded that Á ... Glyceryl Disopalmitate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Disostearate	SQ	The Expert Panel concluded that Á ... Glyceryl Disostearate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dilaurate	SQ	The Expert Panel concluded that Á ... Glyceryl Dilaurate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007

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Ingredient	Finding*	Conclusion	Citation†
Glyceryl Dilinoleate	SQ	The Expert Panel concluded that Á ... Glyceryl Dilinoleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007
Glyceryl Dimaltodextrin	S		Final Report 9/2015 Available from CIR
Glyceryl Dimyristate	S		Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007;JIT 29(Suppl. 3):162-186,2010
Glyceryl Dioleate	SQ	The Expert Panel concluded that Á ... Glyceryl Dioleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007
Glyceryl Dipalmitate	SQ	The Expert Panel concluded that Á ... Glyceryl Dipalmitate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007
Glyceryl Dipalmitoleate	SQ	The Expert Panel concluded that Á ... Glyceryl Dipalmitoleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007
Glyceryl Diricinoleate	SQ	The Expert Panel concluded that Á ... Glyceryl Diricinoleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	UT 26(Suppl. 3):1-30, 2007
Glyceryl Distearate	SQ	The Expert Panel concluded that Á ... Glyceryl Dioleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007
Glyceryl Erucate	S		JIT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Ethylhexanoate	S		UT 39(S3):93-126,2020
Glyceryl Ethylhexanoate/Stearate/Adipate	S		UT 39(S3):93-126,2020
Glyceryl Glycyrhethinate	S		UT 26(Suppl. 2):79-112, 2007
Glyceryl Heptanoate	S		UT 39(S3):93-126,2020
Glyceryl Hydrogenated Rapeseedate	S		UT 39(S3):93-126,2020
Glyceryl Hydrogenated Rosinate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Hydrogenated Soyate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Hydroxystearate	S		FJIT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Isopalmitate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Isostearate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Isostearate/Myristate	S		Final Report 5/2000 Available from CIR;JIT 23 (Suppl. 2):55-94,2004;JIT 29(Suppl. 3):162-186,2010
Glyceryl Isostearates	S		Final Report 5/2000 Available from CIR;JIT 23 (Suppl. 2:55-94,)2004
Glyceryl Isotridecanoate/Stearate/Adipate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Lanolate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Laurate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Laurate SE	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Laurate/Oleate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Lauryl Ether	S		UT 32(Suppl. 3):5-21, 2013
Glyceryl Linoleate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Linolenate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Montanate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Myristate	S		Final Report 5/2000 Available from CIR;JIT 23 (Suppl. 2):55-94,2004;JIT 29(Suppl. 3):162-186,2010
Glyceryl Oleate	S		JACT 5(5):391-413, 1986;JIT 39(S3):93-126,2020
Glyceryl Oleate SE	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Oleate/Elaidate	S		UT 39(S3):93-126,2020
Glyceryl Oliviate	S		UT 39(S3):93-126,2020
Glyceryl Palmitate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Palmitate Lactate	SQ	The Expert Panel concluded that Á ... Glyceryl Dioleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007
Glyceryl Palmitate/Stearate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Palmitoleate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Pentadecanoate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Polyacrylate	S		Final Report 5/2000 Available from CIR;JIT 23 (Suppl. 2:55-94,)2004
Glyceryl Ricinoleate	S		JACT 7(6):721-739, 1988;JIT 26(Suppl. 3):31-77, 2007;JIT 39(S3):93-126,2020
Glyceryl Ricinoleate SE	S		UT 26(Suppl. 3):31-77, 2007;JIT 39(S3):93-126,2020
Glyceryl Rosinate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Sesquioleate	S		Final Report 5/2000 Available from CIR;JIT 23 (Suppl. 2:55-94,)2004
Glyceryl Starch	S		Final Report 9/2015 Available from CIR
Glyceryl Stearate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Stearate Citrate	SQ	The Expert Panel concluded that Á ... Glyceryl Stearate Citrate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007
Glyceryl Stearate Diacetate	S		UT 20(Suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Glyceryl Stearate Lactate	SQ	The Expert Panel concluded that Á ... Glyceryl Stearate Lactate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007
Glyceryl Stearate SE	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Stearate Succinate	SQ	The Expert Panel concluded that ... Glyceryl Stearate Succinate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;JIT 26(Suppl. 3):1-30, 2007
Glyceryl Stearate/Acetate	S		Final Report 5/2000 Available from CIR;JIT 23 (Suppl. 2:55-94,)2004
Glyceryl Stearate/Malate	S		UT 39(S3):93-126,2020
Glyceryl Stearate/Maleate	S		5/19/2000 FR; UT 23 (Suppl. 2:55-94,)2004
Glyceryl Tallowate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Glyceryl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	JACT 10(1):135-192, 1991; JIT 28(Suppl. 1):68-133, 2009
Glyceryl Thiopropionate	S		Final Report 5/2000 Available from CIR;JIT 23 (Suppl. 2:55-94,)2004
Glyceryl Tri-Hydrogenated Rosinate	S		Final Report 12/2017 Available from CIR
Glyceryl Triacetyl Hydroxystearate	S		UT 20(Suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Glyceryl Triacetyl Ricinoleate	S		UT 20(Suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Glyceryl Tripalmitate/Palm Kernelate/Olivate/Macadamate/Rapeseedate	S		Final Report 12/2017 Available from CIR
Glyceryl Undecylenate	S		UT 23 (Suppl. 2:55-94,)2004;JIT 39(S3):93-126,2020
Glyceryl/Polyglyceryl-6 Isostearate/Behenate Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Glyceryl/Polyglyceryl-6 Isostearate/Behenate Esters...	Final Report 9/2016 Available from CIR
Glyceryl/Sorbitol Oleate/Hydroxystearate	S		Final Report 5/2000 Available from CIR;JIT 23 (Suppl. 2:55-94,)2004
Glycine	S		UT 32(Suppl. 4):41-64, 2013
Glycine Max (Soybean) Callus Culture	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use in cosmetic formulations for the following 4 ingredients.... Glycine Max (Soybean) Callus Culture	Final Report 06/2020 Available from CIR

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Ingredient	Finding*	Conclusion	Citation†
Glycine Max (Soybean) Callus Culture Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use in cosmetic formulations for the following 4 ingredients... Glycine Max (Soybean) Callus Culture Extract	Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Callus Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use in cosmetic formulations for the following 4 ingredients... Glycine Max (Soybean) Callus Extract	Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Fiber	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Flower/Leaf/Stem Juice	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Leaf Cell Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Leaf Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Phytolactone Conditioned Media	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use in cosmetic formulations for the following 4 ingredients... Glycine Max (Soybean) Phytolactone Conditioned Media	Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Phytolactone Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Polypeptide	S		Final Report 9/2015 Available from CIR
Glycine Max (Soybean) Pulp	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Seed Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Seed Powder	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Seedcake Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Seedcoat Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Sprout Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Fiber	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Flour	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Germ Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Hull	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Lipids	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Oil	S		UT 36(Suppl. 3):51-129, 2017
Glycine Soja (Soybean) Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Glycine Soja (Soybean) Peptide	S		Final Report 9/2015 Available from CIR
Glycine Soja (Soybean) Phytolactone Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Protein	S		Final Report 9/2015 Available from CIR
Glycine Soja (Soybean) Seed	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Seed Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Seed Powder	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Seed Water	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Seedcake Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Sprout Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Sterols	S		Final Report 12/2013 Available from CIR
Glycol Dibehenate	S		Final Report 9/2017 Available from CIR
Glycol Diethylhexanoate	S		Final Report 9/2017 Available from CIR
Glycol Dilaurate	S		Final Report 9/2017 Available from CIR
Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Glycol Dimethacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Glycol Dimethacrylate/Vinyl Alcohol Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Glycol Dimethacrylate/Vinyl Alcohol Crosspolymer...	UT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Glycol Dioleate	S		Final Report 9/2017 Available from CIR
Glycol Dipalmitate/Palm Kernelole/Oliveate/Macadamiate	S		Final Report 9/2017 Available from CIR
Glycol Dipalmitate/Rapeseedate/Soyate	S		Final Report 9/2017 Available from CIR
Glycol Dipivalate	S		Final Report 9/2017 Available from CIR
Glycol Distearate	S		JACT 1(2):1-11, 1982;UT 22(Suppl. 1):1-35, 2003;Final Report 9/2017 Available from CIR
Glycol Ditalowate	S		Final Report 9/2017 Available from CIR
Glycol Ricinoleate	S		UT 26(Suppl. 3):31-77, 2007
Glycol Stearate	S		JACT 1(2):1-11, 1982; UT 22(Suppl. 1):1-35, 2003
Glycol Stearate SE	S		JACT 1(2):1-11, 1982; UT 22(Suppl. 1):1-35, 2003
Glycolic Acid	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Glycolic Acid...	UT 17(S1):1-241, 1998; UT 36(Suppl 2):14-58, 2017
Glycyrrhetic Acid	S		UT 26(Suppl. 2):79-112, 2007
Glycyrrhethinyl Stearate	S		UT 26(Suppl. 2):79-112, 2007
Glycyrrhiza Glabra (Licorice)	S		Final Report 9/2008 Available from CIR
Glycyrrhiza Glabra (Licorice) Leaf Extract	S		Final Report 9/2008 Available from CIR
Glycyrrhiza Glabra (Licorice) Root	S		Final Report 9/2008 Available from CIR
Glycyrrhiza Glabra (Licorice) Root Extract	S		Final Report 9/2008 Available from CIR
Glycyrrhiza Glabra (Licorice) Root Juice	S		Final Report 9/2008 Available from CIR
Glycyrrhiza Glabra (Licorice) Root Powder	S		Final Report 9/2008 Available from CIR
Glycyrrhiza Glabra (Licorice) Root Water	S		Final Report 9/2008 Available from CIR
Glycyrrhiza Inflata Root Extract	S		Final Report 9/2008 Available from CIR
Glycyrrhiza Uralensis (Licorice) Root Extract	S		Final Report 9/2008 Available from CIR
Glycyrrhizic Acid	S		UT 26(Suppl. 2):79-112, 2007
Glyoxal	SQ	Based on the available data, the CIR Panel concludes that Glyoxal is safe for use in products intended to be applied to the nail at concentrations ≤ 1.25%. The available data are insufficient to support the safety for other uses.	JACT 14(5):348-363, 1995; UT 19(S1):13-27, 2000
Gossypium Herbaceum (Cotton) Seed Oil	S		UT 20(S2):21-29, 2001;UT 36(Suppl. 3):51-129, 2017
Gracilaria Verrucosa Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Gracilaria Verrucosa Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Grape Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Grape Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Grapefruit Seed Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Grateloupia Livida Powder	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Guar Hydroxypropyltrimonium Chloride	S		UT 34(Suppl. 1):35-65, 2015
Guizotia Abyssinica Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hair Keratin Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Halidrys Siliquosa Extract	S		Final Report 09/2019 Available from CIR
Halopteris Scoparia Extract	S		Final Report 09/2019 Available from CIR

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Ingredient	Finding ^f	Conclusion	Citation ^g
Hamamelis Virginiana (Witch Hazel) Bark/Leaf Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Bark/Leaf Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Bark/Leaf/Twig Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Bark/Leaf/Twig Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Bark/Twig Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Bark/Twig Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Flower Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Flower Water...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Leaf Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Leaf Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Leaf Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Leaf Water...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Water...	Final Report 06/2018 available from CIR
Hazel (Corylus Americana) Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IUT 20(S1)-15-20, 2001
Hazel (Corylus Americana) Nut Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IUT 20(S1)-15-20, 2001
Hazel (Corylus Avellana) Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IUT 20(S1)-15-20, 2001
Hazel (Corylus Avellana) Nut Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IUT 20(S1)-15-20, 2001
Hazel (Corylus Avellana) Nut Oil	Z	safe in the present practices of use and concentration described in this safety assessment	IUT 20(S1)-15-20, 2001; IUT 36(Suppl. 3)-51-129, 2017
Hazel (Corylus Rostrata) Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IUT 20(S1)-15-20, 2001
Hazel (Corylus Rostrata) Nut Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IUT 20(S1)-15-20, 2001
Hazel Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Hazel Seed Oil PEG-8 Esters...	IUT 33(Suppl 4)-13-39, 2014
Hazelnut Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Hazelnut Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
HC Blue No. 1	U	On the basis of the available data included in this report, the Expert Panel concludes that HC Blue No. 1 is unsafe for use in cosmetic formulations.	JACT 13(5)-344-360, 1994
HC Blue No. 2	S		JACT 13(5)-361-373, 1994; IUT 30(Suppl. 2)-73-127, 2011
HC Orange No. 1	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that HC Orange No. 1 is safe for use in hair dye formulations at concentrations up to 3.0%.	IUT 17(S4)-21-37, 1998; IUT 36(Suppl 2)-14-58, 2017
HC Red No. 1	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that HC Red No. 1 is safe as used in hair dye formulations at concentrations of 8&8004; 0.5%. The CIR Expert Panel re-affirmed the above conclusion June 2011.	JACT 15(4)-320-336, 1996; IUT 36(Suppl 2)-14-58, 2017
HC Red No. 3	SQ	On the basis of the available data presented in this report, the CIR Expert Panel concludes that HC Red No. 3 is safe as a "coal tar" hair dye ingredient at the current concentrations of use, with the condition that it should not be used in products containing N-nitrosating agents.	JACT 11(4)-509-519, 1992; IUT 30(Suppl. 2)-73-127, 2011
HC Red No. 7	S		IUT 27(Suppl. 1)-45-54, 2008
HC Yellow No. 2	SQ	The CIR Expert Panel concludes that HC Yellow No. 2 is safe for use in hair dyes at concentrations up to 3%. The limitation on the concentration is based upon the available clinical sensitization data.	JACT 13(3)-157-166, 1994; IUT 30(Suppl. 2)-73-127, 2011
HC Yellow No. 4	S		IUT 17(S4)-39-70, 1998; IUT 36(Suppl 2)-14-58, 2017
HC Yellow No. 5	S		IUT 26(Suppl. 2)-113-124, 2007
HDI/Di-C12-14 Alkyl Tartrate/Hydrogenated Dinoleyl Alcohol Copolymer	S		Final Report 06/2016 available from CIR
HDI/PEI-45/SMDI Crosspolymer	S		Final Report 06/2016 available from CIR
HDI/PPG/Polycaprolactone Crosspolymer	S		Final Report 06/2016 available from CIR
HDI/Trimethylol Hexylactone Crosspolymer	S		Final Report 06/2016 available from CIR
HEA/Sodium Acryloyldimethyltaurate/Steareth-20 Methacrylate Copolymer	S		Final Report 4/2017 available from CIR
Hectorite	S		IUT 22(Suppl. 1)-37-102, 2003
HEDTA	S		IUT 21(Suppl. 2)-95-142, 2002
Helianthus Annuus (Sunflower) Extract	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Flower Extract	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Leaf/Stem Extract	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seed	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seed Butter	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seed Extract	S		Final Report 9/2016 Available from CIR

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Ingredient	Finding [†]	Conclusion	Citation [‡]
Helianthus Annuus (Sunflower) Seed Flour	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Helianthus Annuus (Sunflower) Seed Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Helianthus Annuus (Sunflower) Seed Wax	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seedcake	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Sprout Extract	S		Final Report 9/2016 Available from CIR
HEMA	SQ	Based on available data, the CIR Expert Panel concluded that...HEMA is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl 5):53-100, 2005
Heptyl Undecylenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Heptylundecyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hexacosyl Glycol	S		UT 31(Suppl. 2):147-168, 2012
Hexadecyl D-glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Hexadecyl D-glucoside...	UT 32(Suppl. 3):22-48, 2013
Hexafluoropropylene/Tetrafluoroethylene Copolymer	S		Final Report 10/2018 available from CIR
Hexamidine	SQ	Hexamidine and Hexamidine Diisethionate are safe for the use in cosmetic products in the practices and concentrations of use as described in this safety assessment if used at concentrations less than or equal to 0.10%.	UT 26(Suppl. 3):79-88, 2007
Hexamidine Diisethionate	SQ	Hexamidine and Hexamidine Diisethionate are safe for the use in cosmetic products in the practices and concentrations of use as described in this safety assessment if used at concentrations less than or equal to 0.10%.	UT 26(Suppl. 3):79-88, 2007
Hexanediol	S		Final Report 06/2018 available from CIR
Hexanediol Distearate	S		Final Report 9/2017 Available from CIR
Hexapeptide-12	S		Final Report 06/10/2014 Available from CIR
Hexyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hexyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hexyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ...Hexyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl 5):53-100, 2005
Hexyl Methicone	S		UT 22(Suppl. 2):11-35, 2003
Hexyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Hexyl Salicylate...	Final Report 04/2019 Available from CIR
Hexyldeceth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hexyldeceth-2...	UT 31(Suppl. 2):169-244, 2012
Hexyldeceth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hexyldeceth-20...	UT 31(Suppl. 2):169-244, 2012
Hexyldecyl Benzoate	S		UT 31(Suppl.3):342-372, 2012
Hexyldecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Hexyldecyl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
Hexyldecyl Hexyldecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hexyldecyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hexyldecyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hexyldecyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hexyldecyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hexyldecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hexyldodecyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Hexyldodecyl Salicylate... The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment	UT 22(Suppl 3):1-108, 2003;Final Report 04/2019 Available from CIR
Hexyldodecyl/Octyldodecyl Hydroxystearate	SQ		UT 34(Suppl.2):5-69, 2015
Hexylene Glycol	S		JACT 4(5):223-248, 1985; UT 25(Suppl. 2):1-89,2006
Himantialia Elongata Extract	S		Final Report 09/2019 Available from CIR
Himantialia Elongata Powder	S		Final Report 09/2019 Available from CIR
Hippophae Rhamnoides Fruit Oil	S		UT 36(Suppl. 3):51-129, 2017
Hippophae Rhamnoides Oil	S		UT 36(Suppl. 3):51-129, 2017
Hippophae Rhamnoides Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Histidine	S		UT 32(Suppl. 4):41-64, 2013
Histidine HCl	S		UT 32(Suppl. 4):41-64, 2013
Hizikia Fusiforme Extract	S		Final Report 09/2019 Available from CIR
Hizikia Fusiformis Callus Culture Extract	S		Final Report 09/2019 Available from CIR
Hizikia Fusiformis Water	S		Final Report 09/2019 Available from CIR
Honey	S		Final Report 06/2020 Available from CIR
Honey Cocoates	S		Final Report 06/2020 Available from CIR
Honey Extract	S		Final Report 06/2020 Available from CIR
Honey Powder	S		Final Report 06/2020 Available from CIR

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Ingredient	Finding*	Conclusion	Citation†
Human Placental Enzymes	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	UT 21(Suppl 1):81-91, 2002
Human Placental Lipids	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	UT 21(Suppl 1):81-91, 2002
Human Placental Protein	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	UT 21(Suppl 1):81-91, 2002
Human Umbilical Extract	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	UT 21(Suppl 1):81-91, 2002
Humulus Lupulus (Hops) Cone Extract	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Cone Oil	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Extract	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Flower Extract	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Stem Extract	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Strobile	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Hyaluronic Acid	S		UT 28(Suppl. 1):5-67, 2009
Hydrated Silica	SQ	The Panel concluded that synthetically-manufactured amorphous ... Hydrated Silica are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating.	Final Report 09/2019 Available from CIR
Hydrofluorocarbon 152a	S		Final Report 4/2017 Available from CIR
Hydrogen Dimethicone/Octyl Silsesquioxane Copolymer	S		Final Report 12/2017 Available from CIR
Hydrogen Peroxide	S		Final Report 10/2018 available from CIR
Hydrogenated Adansonia Digitata Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Apricot Kernel Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Argania Spinosa Kernel Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Avocado Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Black Currant Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Butadiene/Isoprene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated Butylene/Ethylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated C12-18 Triglycerides	S		Final Report 12/2017 Available from CIR
Hydrogenated Camelina Sativa Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Camellia Oleifera Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Canola Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Castor Oil	S		UT 26(Suppl. 3):31-77, 2007
Hydrogenated Castor Oil Behenyl Esters	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hydrogenated Castor Oil Cetyl Esters	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hydrogenated Castor Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Hydrogenated Castor Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Hydrogenated Castor Oil Stearyl Esters	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hydrogenated Coco-Glycerides	S		UT 30(Suppl. 1):5-16, 2011
Hydrogenated Coconut Acid	S		JACT 5(3):103-121, 1986;JIT 30(Suppl. 1):5-16, 2011;UT 36(Suppl. 3):51-129, 2017
Hydrogenated Coconut Oil	S		JACT 5(3):103-121, 1986;JIT 30(Suppl. 1):5-16, 2011;UT 36(Suppl. 3):51-129, 2017
Hydrogenated Cottonseed Glyceride	SQ	Based on the available data, the CIR Panel concludes that Hydrogenated Cottonseed (Gossypium Oil), Cottonseed Acid, Cottonseed Glyceride, and Hydrogenated Cottonseed Glyceride are safe as used in cosmetic products, provided that established limits on gossypol, heavy metals, and pesticide concentrations are not exceeded.	UT 20(S2):21-29, 2001
Hydrogenated Cottonseed Oil	S		UT 20(S2):21-29, 2001;UT 36(Suppl. 3):51-129, 2017
Hydrogenated Cranberry Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Dimer Dilinoleth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-20...	UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Hydrogenated Dimer Dilinoleth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-30...	UT 31(Suppl. 2):169-244, 2012
Hydrogenated Dimer Dilinoleth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-40...	UT 31(Suppl. 2):169-244, 2012
Hydrogenated Dimer Dilinoleth-60	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-60...	UT 31(Suppl. 2):169-244, 2012
Hydrogenated Dimer Dilinoleth-80	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-80...	UT 31(Suppl. 2):169-244, 2012
Hydrogenated Ethylene/Propylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated Ethylhexyl Olivat	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hydrogenated Ethylhexyl Sesamate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hydrogenated Evening Primrose Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Grapefruit Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Grapefruit Seed Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Grapeseed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Hazelnut Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Honey	S		Final Report 06/2020 Available from CIR
Hydrogenated Isocetyl Olivat	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hydrogenated Isopropyl Jojobate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hydrogenated Jojoba Oil	S		Final Report 9/2008 Available from CIR
Hydrogenated Kukui Nut Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Laneth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Laneth-20...	UT 31(Suppl. 2):169-244, 2012
Hydrogenated Laneth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Laneth-25...	UT 31(Suppl. 2):169-244, 2012
Hydrogenated Laneth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Laneth-5...	UT 31(Suppl. 2):169-244, 2012
Hydrogenated Lanolin	S		JEPT 4(4):63-92, 1980; UT 24(Suppl. 1):1-102, 2005
Hydrogenated Lard	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	UT 20(S2):57-64, 2001
Hydrogenated Lard Glyceride	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	UT 20(S2):57-64, 2001
Hydrogenated Lard Glycerides	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	UT 20(S2):57-64, 2001
Hydrogenated Lecithin	S		UT 39(S2):5-25,2020
Hydrogenated Lime Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Lime Seed Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Lysolecithin	S		UT 39(S2):5-25,2020
Hydrogenated Lysophosphatidylcholine	S		UT 39(S2):5-25,2020
Hydrogenated Macadamia Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Meadowfoam Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Olive Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Olive Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Orange Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Orange Seed Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Palm Acid	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Palm Kernel Oil	S		UT 19(S2):7-28, 2000;UT 36(Suppl. 3):51-129, 2017
Hydrogenated Palm Oil	S		UT 19(S2):7-28, 2000;UT 36(Suppl. 3):51-129, 2017
Hydrogenated Palm/Palm Kernel Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Hydrogenated Palm/Palm Kernel Oil PEG-6 Esters...	UT 33(Suppl 4):13-39, 2014
Hydrogenated Palmitrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Hydrogenated Palmitrimonium Chloride...	UT 31(Suppl. 3):296-341, 2012
Hydrogenated Passiflora Edulis Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Peach Kernel Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Peanut Oil	S		UT 20(S2):65-77, 2001;UT 36(Suppl. 3):51-129, 2017
Hydrogenated Phosphatidylcholine	S		UT 39(S2):5-25,2020
Hydrogenated Pistachio Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Poly(C6-12 Olefin)	S		UT 38(S2):59-90,2020
Hydrogenated Poly(C6-14 Olefin)	S		UT 38(S2):59-90,2020
Hydrogenated Poly(C6-20 Olefin)	S		UT 38(S2):59-90,2020
Hydrogenated Polybutene	S		UT 39(S2):59-90,2020
Hydrogenated Polydecene	S		UT 39(S2):59-90,2020
Hydrogenated Polydoccene	S		UT 39(S2):59-90,2020

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Ingredient	Finding*	Conclusion	Citation†
Hydrogenated Polyisobutene	S		UT 27 (Suppl. 4):83-106, 2008;UT 39(S2):59-90,2020
Hydrogenated Potato Starch	S		Final Report 9/2015 Available from CIR
Hydrogenated Pumpkin Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Punica Granatum Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Rapeseed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Raspberry Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Rice Bran Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Rice Bran Wax	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Hydrogenated Rosa Canina Fruit Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Safflower Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Sesame Seed Oil	S		UT 30(Suppl. 1):40-53, 2011 ;UT 36(Suppl. 3):51-129, 2017
Hydrogenated Shea Butter	S		Final Report 9/2017 Available from CIR;UT 36(Suppl. 3):51-129, 2017
		The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Hydrogenated Shea Oil...	
Hydrogenated Shea Oil	SQ		Final Report 9/2017 Available from CIR
Hydrogenated Soybean Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Starch Hydrolysate	S		Final Report 9/2015 Available from CIR
Hydrogenated Styrene/Butadiene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated Styrene/Isoprene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated Sunflower Seed Extract	S		Final Report 9/2016 Available from CIR
Hydrogenated Sunflower Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Sweet Almond Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Sweet Almond Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
		The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Hydrogenated Tallow Betaine...	
Hydrogenated Tallow Betaine	SQ		Final Report 3/2014 Available from CIR
Hydrogenated Tallow Glyceride	S		JACT 9(2):153-164, 1990; UT 27(Suppl. 1):77-142, 2008
Hydrogenated Tallow Glycerides	S		JACT 9(2):153-164, 1990; UT 27(Suppl. 1):77-142, 2008
		The CIR Expert Panel concluded that the aluminosilicate clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Hydrogenated Tallowalkonium Bentonite...	
Hydrogenated Tallowalkonium Bentonite	SQ		Final Report 4/2016 Available from CIR
		The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Hydrogenated Tallowamide DEA...	
Hydrogenated Tallowamide DEA	SQ		UT 32(Suppl. 1):36-58, 2013
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Talloweth-12...	
Hydrogenated Talloweth-12	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Talloweth-25...	
Hydrogenated Talloweth-25	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Hydrogenated Tallowtrimonium Chloride...	
Hydrogenated Tallowtrimonium Chloride	SQ		UT 31(Suppl. 3):296-341, 2012
Hydrogenated Vegetable Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Wheat Germ Oil	S		UT 36(Suppl. 3):51-129, 2017
Hydrogenated Wheat Germ Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Hydrolyzed Actin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Amaranth Protein	S		Final Report 9/2017 Available from CIR
		The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	
Hydrolyzed Asparagopsis Armata	I		Final Report Available from CIR 09/2021
Hydrolyzed Avocado Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Barley Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Beta-Glucan	S		UT 35(Suppl. 1):5-49, 2016
Hydrolyzed Brazil Nut Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Caesalpinia Spinosa Gum	S		UT 34(Suppl. 1):35-65, 2015
		The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Hydrolyzed Camellia Sinensis Leaf...	
Hydrolyzed Camellia Sinensis Leaf	SQ		UT 38(S3):48-70,2019
		The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	
Hydrolyzed Camellia Sinensis Seed Extract	Z		UT 38(S3):48-70,2019
Hydrolyzed Carrageenan	S		Final Report 9/2015 Available from CIR
Hydrolyzed Casein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Cellulose Gum	S		Final Report 3/2009 Available from CIR
Hydrolyzed Ceratonia Siliqua Gum Extract	S		UT 34(Suppl. 1):35-65, 2015
Hydrolyzed Chondrus Crispus Extract	S		Final Report Available from CIR 09/2021
		The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Hydrolyzed Citrus Aurantium Dulcis Fruit Extract...	
Hydrolyzed Citrus Aurantium Dulcis Fruit Extract	SQ		UT 40(S3):5-38, 2021
Hydrolyzed Collagen	S		JACT 4(5):199-221, 1985;UT 25(Suppl. 2) :1-89,2006;Final Report 9/2017 Available from CIR
Hydrolyzed Collagen Extract	S		Final Report 9/2017 Available from CIR
Hydrolyzed Collagen PG-Propyl Dimethiconol	S		UT 36(Suppl. 3):31-50, 2017
Hydrolyzed Corallina Officinalis	S		Final Report Available from CIR 09/2021
Hydrolyzed Corallina Officinalis Extract	S		Final Report Available from CIR 09/2021
Hydrolyzed Corn Protein	S		UT 30(Suppl. 1):17-39, 2011
Hydrolyzed Corn Starch	S		UT 30(Suppl. 1):17-39, 2011
Hydrolyzed Corn Starch Hydroxyethyl Ether	S		Final Report 9/2015 Available from CIR
Hydrolyzed Corn Starch Octenylsuccinate	S		Final Report 9/2015 Available from CIR
Hydrolyzed Cottonseed Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Ecklonia Cava Extract	S		Final Report 09/2019 Available from CIR
Hydrolyzed Elastin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Euterpe Oleracea Fruit	S		Final Report 06/2020 Available from CIR
Hydrolyzed Extensin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Fibroin	S		UT 39(S3):127-144,2020
Hydrolyzed Fibronectin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Fucus Vesiculosus Extract	S		Final Report 09/2019 Available from CIR
Hydrolyzed Fucus Vesiculosus Protein	S		Final Report 09/2019 Available from CIR
Hydrolyzed Furcellaran	S		Final Report 9/2015 Available from CIR
Hydrolyzed Gelatin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Ginseng Root	S		UT 34(Suppl.3):5-42, 2015
Hydrolyzed Ginseng Root Extract	S		UT 34(Suppl.3):5-42, 2015
Hydrolyzed Ginseng Saponins	S		UT 34(Suppl.3):5-42, 2015
Hydrolyzed Grape Fruit	S		UT 33(Suppl. 3):48-83, 2014

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Ingredient	Finding*	Conclusion	Citation†
Hydrolyzed Grape Skin	S		UT 33(Suppl. 3):48-83, 2014
Hydrolyzed Guar	S		UT 34(Suppl. 1):35-65, 2015
Hydrolyzed Hair Keratin	S		UT 40(Suppl 2):36-51,2021
Hydrolyzed Hazelnut Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Hemp Seed Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Honey	S		Final Report 06/2020 Available from CIR
Hydrolyzed Honey Protein	S		Final Report 06/2020 Available from CIR
		The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	
Hydrolyzed Human Placental Protein	Z		UT 21(Suppl 1):81-91, 2002
Hydrolyzed Jojoba Esters	S		Final Report 9/2008 Available from CIR
Hydrolyzed Jojoba Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Keratin	S		UT 40(Suppl 2):36-51,2021
Hydrolyzed Lactalbumin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Lupine Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Maple Sycamore Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Milk Protein	S		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Hydrolyzed Oat Flour...	
Hydrolyzed Oat Flour	SQ		UT 38(S3):23-47,2019
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Hydrolyzed Oat Protein...	
Hydrolyzed Oat Protein	SQ		UT 38(S3):23-47,2019
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Hydrolyzed Oats...	
Hydrolyzed Oats	SQ		UT 38(S3):23-47, 2019
Hydrolyzed Oxidized Keratin	S		UT 40(Suppl 2):36-51,2021
Hydrolyzed Pea Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Pectin	S		Final Report 9/2015 Available from CIR
Hydrolyzed Phospholipids	S		UT 39(S2):5-25,2020
		The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	
Hydrolyzed Placental Protein	UNS		UT 21(Suppl 1):81-91, 2002
		The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	
Hydrolyzed Porphyra Yezoensis	I		Final Report Available from CIR 09/2021
Hydrolyzed Potato Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Reticulin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Rhizobian Gum	S		UT 35(Suppl. 1):5-49, 2016
Hydrolyzed Rice Bran Extract	S		UT 25(Suppl. 2):91-120, 2006
Hydrolyzed Rice Bran Protein	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Hydrolyzed Rice Extract	S		UT 25(Suppl. 2):91-120, 2006
Hydrolyzed Rice Protein	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Hydrolyzed Sclerotium Gum	S		UT 35(Suppl. 1):5-49, 2016
Hydrolyzed Sericin	S		UT 39(S3):127-144,2020
Hydrolyzed Sesame Protein	S		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Hydrolyzed Shea Seedcake Extract...	
Hydrolyzed Shea Seedcake Extract	SQ		Final Report 9/2017 Available from CIR
Hydrolyzed Silk	S		UT 39(S3):127-144,2020
Hydrolyzed Soy Protein	S		Final Report 9/2015 Available from CIR
Hydrolyzed Soy Protein Extract	S		Final Report 9/2015 Available from CIR
Hydrolyzed Soy Starch	S		Final Report 9/2015 Available from CIR
Hydrolyzed Soy milk Protein	S		Final Report 9/2015 Available from CIR
Hydrolyzed Spongini	S		Final Report 9/2017 Available from CIR
Hydrolyzed Starch	S		Final Report 9/2015 Available from CIR
Hydrolyzed Sulfonated Keratin	S		UT 40(Suppl 2):36-51,2021
Hydrolyzed Sunflower Seed Wax	S		Final Report 9/2016 Available from CIR
Hydrolyzed Sweet Almond Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Triticum Spelta Starch	S		Final Report 9/2015 Available from CIR
Hydrolyzed Vegetable Protein	S		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concluded that hydrolyzed wheat gluten and hydrolyzed wheat protein are safe for use in cosmetics when formulated to restrict peptides to a weight-average MW of 3500 Da or less.	
Hydrolyzed Wheat Gluten	SQ		UT 37(Suppl. 1):55-66, 2018
		The CIR Expert Panel concluded that hydrolyzed wheat gluten and hydrolyzed wheat protein are safe for use in cosmetics when formulated to restrict peptides to a weight-average MW of 3500 Da or less.	
Hydrolyzed Wheat Protein	SQ		UT 37(Suppl. 1):55-66, 2018
Hydrolyzed Wheat Protein/PVP Crosspolymer	S		Final Report 12/2018 Available from CIR
Hydrolyzed Wheat Starch	S		Final Report 9/2015 Available from CIR
Hydrolyzed Whey Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Yogurt Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Zein	S		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concluded that hydroquinone is safe at concentrations of less than or equal to 1% for cosmetic formulations designed for discontinuous, brief use followed by rinsing from the skin and hair. Hydroquinone is safe for use in nail adhesives and in artificial nail coatings, as a polymerization inhibitor, that are cured by LED light. Hydroquinone is unsafe for use in other leave-on cosmetic products.	
Hydroquinone	U		JACT 5(3):123-165, 1986;JACT 13(3):167-230, 1994;UT 29(Suppl. 4):274-287, 2010;Final Report 12/2014 Available from CIR
Hydroxy Tetramethylpiperidine Oxide	S		Final Report Available from CIR 03/2021
Hydroxybenzomorpholine	S		JACT 10(1):205-213, 1991; IJT 30(Suppl. 2):73-127, 2011
Hydroxybutyl Methylcellulose	S		Final Report 3/2009 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Hydroxycapric Acid...	
Hydroxycapric Acid	SQ		Final Report 04/2019 Available from CIR
Hydroxycaproyl Phytosphingosine	S		UT 39(S3):5-25,2020
		The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Hydroxycaprylic Acid...	
Hydroxycaprylic Acid	SQ		Final Report 04/2019 Available from CIR

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Ingredient	Finding*	Conclusion	Citation†
Hydroxycapryloyl Phytosphingosine	S		UT 39(S3):5-25,2020
Hydroxycetyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hydroxyethyl Acrylate/Methoxyethyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Hydroxyethyl Acrylate/Methoxyethyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	S		Final Report 4/2017 Available from CIR
Hydroxyethyl Cyclodextrin	S		Final Report 9/2015 Available from CIR
Hydroxyethyl Ethylcellulose	S		Final Report 3/2009 Available from CIR
Hydroxyethyl Stearamide-MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Hydroxyethyl Stearamide-MIPA...	Final Report 12/2019 Available from CIR
Hydroxyethyl Urea	SQ	The Panel concluded that Hydroxyethyl Urea is safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 12/2018 Available from CIR
Hydroxyethyl-3,4-Methylenedioxyaniline HCl	S		Final Report 6/2017 Available from CIR
Hydroxyethylcellulose	S		JACT 5(3):1-59, 1986; Final Report 03/2009 Available from CIR
Hydroxyethylmethacrylate Acetoacetate	SQ	Based on available data, the CIR Expert Panel concluded that ...Hydroxyethylmethacrylate Acetoacetate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl. 5):53-100, 2005
Hydroxylated Lanolin	S		JEPT 4(4):63-92, 1980; UT 24(Suppl. 1):1-102, 2005
Hydroxyauric Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Hydroxyauric Acid...	Final Report 04/2019 Available from CIR
Hydroxyauric Acid	S		UT 39(S3):5-25,2020
Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Hydroxypalmitoyl Sphinganine	S		UT 39(S3):5-25,2020
Hydroxypropyl Bis(N-Hydroxyethyl- p-Phenylenediamine) HCl	S		UT 35(Suppl. 2):5-11, 2016
Hydroxypropyl Bis(N-Hydroxyethyl-p-Phenylenediamine) HCl	S		UT 35(Suppl. 2):5-11, 2016
Hydroxypropyl Cyclodextrin	S		Final Report 9/2015 Available from CIR
Hydroxypropyl Dimethicone/Polysorbate 20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Hydroxypropyl Guar	S		UT 34(Suppl. 1):35-65, 2015
Hydroxypropyl Guar Hydroxypropyltrimonium Chloride	S		UT 34(Suppl. 1):35-65, 2015
Hydroxypropyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ...Hydroxypropyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl. 5):53-100, 2005
Hydroxypropyl Methylcellulose	S		JACT 5(3):1-59, 1986; Final Report 3/2009 Available from CIR
Hydroxypropyl Methylcellulose Acetate/Succinate	S		Final Report 3/2009 Available from CIR
Hydroxypropyl Oxidized Starch	S		Final Report 9/2015 Available from CIR
Hydroxypropyl Starch	S		Final Report 9/2015 Available from CIR
Hydroxypropyl Xanthan Gum	S		UT 35(Suppl. 1):5-49, 2016
Hydroxypropylcellulose	S		JACT 5(3):1-59, 1986; Final Report 03/24/2009 Available from CIR
Hydroxypropyldimethicone	S		UT 22(Suppl. 2):11-35, 2003
Hydroxypropyltrimonium Hydrolyzed Corn Starch	S		Final Report 9/2015 Available from CIR
Hydroxypropyltrimonium Hydrolyzed Wheat Starch	S		Final Report 9/2015 Available from CIR
Hydroxypropyltrimonium Maltodextrin Crosspolymer	S		Final Report 9/2015 Available from CIR
Hydroxystearamide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Hydroxystearamide MEA...	UT 34(Suppl.1):18-34, 2015
Hydroxystearic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Hydroxystearic Acid...	UT 18(S1):1-10, 1999; Final Report 04/2019 Available from CIR
Hypericum Perforatum Extract	S		UT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Extract (defined as an extract of the capsules, flowers, leaves and stem heads)	S		UT 20(S2):31-39, 2001; UT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Flower Extract	S		UT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Flower/Leaf Extract	S		UT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Flower/Leaf/Stem Extract	S		UT 20(S2):31-39, 2001; UT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Flower/Twig Extract	S		UT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Leaf Extract	S		UT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Oil	S		UT 20(S2):31-39, 2001; UT 33(Suppl. 3):5-23, 2014
Hypnea Musciformis Extract	S		Final Report Available from CIR 09/2021
Imidazolidinyl Urea	S		JEPT 4(4):133-146, 1980; UT 22(Suppl. 1):1-35, 2003
Inulin	S		Final Report 9/2015 Available from CIR
Iodopropynyl Butylcarbamate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Iodopropynyl Butylcarbamate (IPBC) is safe as a cosmetic ingredient at concentrations ≤ 0.1%. IPBC should not be used in products intended to be aerosolized.	UT 17(S5):1-37, 1998; UT 36(Suppl.2):14-58, 2017
Iodopropynyl Butylcarbamate (IPBC)	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Iodopropynyl Butylcarbamate (IPBC) is safe as a cosmetic ingredient at concentrations ≤ 0.1%. IPBC should not be used in products intended to be aerosolized.	UT 17(S5):1-37, 1998; UT 36(Suppl.2):14-58, 2017
Irvingia Gabonensis Kernel Butter	S		UT 36(Suppl. 3):51-129, 2017
Isoamyl Acetate	S		JACT 7(6):703-719, 1988
Isoamyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isobornyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that...Isobornyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl. 5):53-100, 2005
Isobutane	S		JACT 1(4):127-142, 1982; UT 24(Suppl. 1):1-102, 2005
Isobutyl Acetate	S		UT 31(Suppl. 1):112-136, 2012
Isobutyl Benzoate	S		UT 31(Suppl. 3):342-372, 2012
Isobutyl Methacrylate	SQ	Based on the available data, the CIR Expert Panel concluded that...Isobutyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl. 5):53-100, 2005
Isobutyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Isobutyl Palmirate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isobutyl Pelargonate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 3):228-269, 2011; UT 34(Suppl.2):5-69, 2015
Isobutyl Polysilsesquioxane	S		Final Report 12/2017 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Isobutyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Isobutyl Tallowate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isobutyl/Methoxy PEG-10 Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Isobutylene/Isoprene Copolymer	S		IJT 39(S2):59-90,2020
Isobutylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Isobutylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Isobutylparaben	JACT 3(5):147-209, 1984; Å IJT 27 (Suppl. 4):1-82, 2008;IJT 39(Suppl. 1):5-97, 2020
Isoceteth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-10...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-12...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-15...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-20...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-25...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-30...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-5...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-7...	IJT 31(Suppl. 2):169-244, 2012
Isocetyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isocetyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Isocetyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Isocetyl Isodecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isocetyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isocetyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isocetyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Isocetyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isocetyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Isocetyl Salicylate... The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 22(Suppl 3):1-108, 2003;Final Report 04/2019 Available from CIR
Isocetyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Isodeceth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isodeceth-4...	IJT 31(Suppl. 2):169-244, 2012
Isodeceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isodeceth-5...	IJT 31(Suppl. 2):169-244, 2012
Isodeceth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isodeceth-6...	IJT 31(Suppl. 2):169-244, 2012
Isodecyl Citrate	S		IJT 33(Suppl.2):16-46, 2014

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Ingredient	Finding†	Conclusion	Citation‡
Isodecyl Cocoate	SQ	The CIR Expert Panel concludes that Ammonium Cocomonoglyceride Sulfate, Butylene Glycol Cocoate, Caprylic/Capric/Coco Glycerides, Cocoglycerides, Coconut Acid, Coconut Alcohol, Coconut Oil Decyl Esters, Cocos Nucifera (Coconut) Oil, Decyl Cocoate, Ethylhexyl Cocoate, Hydrogenated Coco-Glycerides, Hydrogenated Coconut Acid, Hydrogenated Coconut Oil, Isodecyl Cocoate, Lauryl Cocoate, Magnesium Cocoate, Methyl Cocoate, Octyldodecyl Cocoate, Pentaerythrityl Cocoate, Potassium Cocoate, Potassium Hydrogenated Cocoate, Sodium Cocoate, Sodium Cocomonoglyceride Sulfate, Sodium Hydrogenated Cocoate, and Tridecyl Cocoate are safe for use as cosmetic ingredients.	UT 30(Suppl. 1):5-16, 2011; UT 34(Suppl.2):5-69, 2015
Isodecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Isodecyl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
Isodecyl Glyceryl Ether	S		UT 32(Suppl. 3):5-21, 2013
Isodecyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isodecyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 3):228-269, 2011; UT 34(Suppl.2):5-69, 2015
Isodecyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isodecyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Isodecyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isodecyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 1(2):85-95, 1982; UT 22(Suppl. 1):1-35, 2003; UT 34(Suppl.2):5-69, 2015
Isodecyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isodecyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Isodecyl Salicylate... The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 22(Suppl 3):1-108, 2003;Final Report 04/2019 Available from CIR
Isodecyl Stearate	SQ		UT 34(Suppl.2):5-69, 2015
Isododecane	S		UT 31(Suppl. 3):269-295, 2012
Isoeicosane	S		UT 31(Suppl. 3):269-295, 2012
Isohexadecane	S		UT 31(Suppl. 3):269-295, 2012
Isoheptyl Caprate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isoheptyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isoheptyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isoheptyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isolaureth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isolaureth-10...	UT 31(Suppl. 2):169-244, 2012
Isolaureth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isolaureth-3...	UT 31(Suppl. 2):169-244, 2012
Isolaureth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isolaureth-6...	UT 31(Suppl. 2):169-244, 2012
Isolauryl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isoleucine	S		UT 32(Suppl. 4):41-64, 2013
Isomalt	S		UT 38(S1):5-38,2019
Isomerized Jojoba Oil	S		Final Report 9/2008 Available from CIR
Isomerized Linoleic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Isomerized Linoleic Acid... The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Isomerized Safflower Acid...	Final Report 04/2019 Available from CIR
Isomerized Safflower Acid	SQ		Final Report 04/2019 Available from CIR
Isomerized Safflower Glycerides	S		Final Report 12/2017 Available from CIR
Isomyreth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isomyreth-3...	UT 31(Suppl. 2):169-244, 2012
Isomyreth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isomyreth-9...	UT 31(Suppl. 2):169-244, 2012
Isononyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 3):228-269, 2011; UT 34(Suppl.2):5-69, 2015
Isooctane	S		UT 31(Suppl. 3):269-295, 2012
Isooctyl Caprylate/Caprates	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isooctyl Tallate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation‡
Isocetyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Isooctyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Isopentane	S		JACT 1(4):127-142, 1982; IJT 24(Suppl. 1):1-102, 2005
Isopentyl diol	S		Final Report 06/2018 available from CIR
Isopolyglyceryl-3 Dimethiconol	S		IJT 36(Suppl. 3):31-50, 2017
Isoprene/Pentadiene Copolymer	S		IJT 39(S2):59-90,2020
Isopropanolamine	SQ	The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	JACT 6(1):53-76, 1987; IJT 25(Suppl. 2) :1-89,2006
Isopropyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Isopropyl Alcohol	S		IJT 31(Suppl. 1):112-136, 2012
Isopropyl Arachidate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Avocadoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Babassuate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Isopropyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Isopropyl Cresols	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
Isopropyl Ester of PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Isopropyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 11(1):43-49, 1992; IJT 30(Suppl. 2):73-127, 2011; IJT 34(Suppl.2):5-69, 2015
Isopropyl Jojobate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Isopropyl Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Isopropyl Lanolate	S		JEPT 4(4):121-132, 1980; IJT 22(Suppl. 1):1-35, 2003
Isopropyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Linoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 11(1):51-56, 1992; IJT 34(Suppl.2):5-69, 2015
Isopropyl Myristate	S		JACT 1(4):55-80, 1982; IJT 24(Suppl. 1):1-102, 2005; IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Isopropyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 11(1):51-56, 1992; IJT 34(Suppl.2):5-69, 2015
Isopropyl Palmitate	S		JACT 1(2):13-35, 1982; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Isopropyl Ricinoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 26(Suppl. 3):31-77, 2007; IJT 34(Suppl.2):5-69, 2015
Isopropyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Isopropyl Tallowate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Isopropyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Isopropyl Titanium Triisostearate	SQ	The CIR Expert Panel concluded that Isopropyl Titanium Triisostearate is safe in cosmetics in the present practices of use and concentration described in the safety assessment, when used as a surface modifier.	Final Report 04/2019 Available from CIR
Isopropyl Titanium Triisostearate/Triethoxysilylethyl Polydimethylsiloxethyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Isopropylamine Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010
Isopropylidenediphenyl Bisglycidyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Isopropylidenediphenyl Bisglycidyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Isopropylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Isopropylparaben...	IJT 39(S1):5-97,2020

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Ingredient	Finding†	Conclusion	Citation‡
Isostearamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Isostearamide DEA...	Final Report 8/1995 Available from CIR; IUT 32(Suppl. 1):36-58, 2013
Isostearamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed. Isostearamide MEA	Final Report 8/1995 Available from CIR; IUT 34(Suppl.1):18-34, 2015
Isostearamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Isostearamide MIPA...	Final Report 12/2019 Available from CIR
Isostearamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Isostearamidopropyl Betaine...	IUT 31(Suppl. 1):77-111, 2012
Isostearamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Isostearamidopropyl Dimethylamine...	IUT 38(S1):39-69,2019
Isostearamidopropyl Morpholine Lactate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Isostearamidopropyl Morpholine Lactate is safe for use as a cosmetic ingredient in rinse-off formulations in the present concentrations and practices of use. The Panel also concludes that the available data are insufficient to support safety in leave-on formulations.	IUT 18(S3):51-56, 1999; IUT 36(Suppl 2):14-58, 2017
Isosteareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-10...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-12...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-15...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-16...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-2...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-20...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-22	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-22...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-25...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-3...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-5...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-50	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-50...	IUT 31(Suppl. 2):169-244, 2012
Isosteareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-8...	IUT 31(Suppl. 2):169-244, 2012
Isostearic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Isostearic Acid...	JACT 2(7):61-74, 1983;IUT 24(Suppl. 1):1-102, 2005;Final Report Available 04/2019 from CIR
Isostearoyl Trimellitic Anhydride/Trimethylolpropane Copolymer	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following four trimellitic anhydride copolymers are safe under the intended conditions of use in cosmetic formulations...Isostearoyl Trimellitic Anhydride/Trimethylolpropane Copolymer	IUT 39(S3):74-92,2020
Isostearyl Acetate	S		IUT 31(Suppl. 1):112-136, 2012
Isostearyl Alcohol	S		JACT 7(3):359-413, 1988; IUT 27(Suppl. 1):77-142, 2008

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Ingredient	Finding ^f	Conclusion	Citation ^g
Isostearyl Avocadate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isostearyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isostearyl Benzoate	S		UT 31(Suppl.3):342-372, 2012
Isostearyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isostearyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Isostearyl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
Isostearyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Isostearyl Glucoside...	UT 32(Suppl. 3):22-48, 2013
Isostearyl Glyceryl Ether	S		UT 32(Suppl. 3):5-21, 2013
Isostearyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isostearyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 3):228-269, 2011; UT 34(Suppl.2):5-69, 2015
Isostearyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isostearyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isostearyl Linoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isostearyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Isostearyl Neopentanoate	S		JACT 4(3):1-22, 1985; UT 25(Suppl. 2) :1-89,2006; UT 34(Suppl.2):5-69, 2015
Isostearyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isostearyl Sebacate	S		UT 31(Suppl.1):5-76, 2012
Isotridecyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 3):228-269, 2011; UT 34(Suppl.2):5-69, 2015
Isotridecyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isotridecyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Isotridecyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Isotridecyl Salicylate...	Final Report 04/2019 Available from CIR
Isotridecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Japan Wax	S		JACT 3(3):1-41, 1984; UT 24(Suppl. 1):1-102, 2005
Jajoba Alcohol	S		Final Report 9/2008 Available from CIR
Jajoba Amino Acids	S		UT 33(Suppl.4):5-12, 2014
Jajoba Esters	S		Final Report 9/2008 Available from CIR
Jajoba Oil	S		JACT 11(1):57-74, 1992;Final Report 9/2008 Available from CIR
Jajoba Oil PEG-150 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Jajoba Oil PEG-150 Esters...	UT 33(Suppl.4):13-39, 2014
Jajoba Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Jajoba Oil PEG-8 Esters...	UT 33(Suppl.4):13-39, 2014
Jajoba Oil/Caprylic/Capric Triglyceride Esters	S		Final Report 12/2017 Available from CIR
Jajoba Wax	S		JACT 11(1):57-74, 1992;Final Report 9/2008 Available from CIR
Juglans Regia (Walnut) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Juniperus Communis Extract	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001
Juniperus Communis Fruit Extract	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001
Juniperus Oxycedrus Extract	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001
Juniperus Oxycedrus Fruit Extract	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001
Juniperus Oxycedrus Tar	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001
Juniperus Oxycedrus Wood Tar	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001

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Ingredient	Finding [†]	Conclusion	Citation [‡]
Juniperus Phoenicea Extract	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001
Juniperus Phoenicea Gum Extract	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001
Juniperus Virginiana Extract	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001
Juniperus Virginiana Wood Extract	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	UT 20(S2):41-56, 2001
Kaolin	S		UT 22(Suppl. 1):37-102, 2003
Kappaphycus Alvarezii Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Kefiran	S		UT 38(S1):5-38,2019
Keratin	S		UT 40(Suppl 2):36-51,2021
Keratin Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Kojic Acid	SQ	The CIR Expert Panel concluded that kojic acid is safe for use in cosmetic products up to a concentration of 1%.	UT 29(Suppl. 4):244-273, 2010
L-Ascorbic Acid	S		UT 24(Suppl. 2):51-111, 2005
Lactamide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Lactamide MEA...	UT 34(Suppl.1):18-34, 2015
Lactic Acid	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Lactic Acid...	UT 17(S1):1-241, 1998; UT 36(Suppl 2):14-58, 2017
Lactitol	S		UT 38(S1):5-38,2019
Lactoglobulin	S		Final Report 9/2017 Available from CIR
Lactose	S		UT 38(S1):5-38,2019
Lactulose	S		UT 38(S1):5-38,2019
Laminaria Cloustoni Extract	S		Final Report 09/2019 Available from CIR
Laminaria Diabolica Extract	S		Final Report 09/2019 Available from CIR
Laminaria Digitata Extract	S		Final Report 09/2019 Available from CIR
Laminaria Digitata Powder	S		Final Report 09/2019 Available from CIR
Laminaria Hyperborea Extract	S		Final Report 09/2019 Available from CIR
Laminaria Japonica Extract	S		Final Report 09/2019 Available from CIR
Laminaria Japonica Powder	S		Final Report 09/2019 Available from CIR
Laminaria Longissima Extract	S		Final Report 09/2019 Available from CIR
Laminaria Ochroleuca Extract	S		Final Report 09/2019 Available from CIR
Laminaria Saccharina Extract	S		Final Report 09/2019 Available from CIR
Laneth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-10...	UT 31(Suppl. 2):169-244, 2012
Laneth-10 Acetate	S		JACT 1(4):1-23, 1982; UT 24(Suppl. 1):1-102, 2005
Laneth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-15...	UT 31(Suppl. 2):169-244, 2012
Laneth-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-16...	JACT 1(4):1-23, 1982; UT 24(Suppl. 1):1-102, 2005; UT 31(Suppl. 2):169-244, 2012;
Laneth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-20...	UT 31(Suppl. 2):169-244, 2012
Laneth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-25...	JACT 1(4):1-23, 1982; UT 24(Suppl. 1):1-102, 2005; UT 31(Suppl. 2):169-244, 2012;
Laneth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-40...	UT 31(Suppl. 2):169-244, 2012
Laneth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-5...	JACT 1(4):1-23, 1982; UT 24(Suppl. 1):1-102, 2005; UT 31(Suppl. 2):169-244, 2012;

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Ingredient	Finding†	Conclusion	Citation‡
Laneth-50	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-50...	UT 31(Suppl. 2):169-244, 2012
Laneth-60	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-60...	UT 31(Suppl. 2):169-244, 2012
Laneth-75	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-75...	UT 31(Suppl. 2):169-244, 2012
Laneth-9 Acetate	S		JACT 1(4):1-23, 1982; UT 24(Suppl. 1):1-102, 2005
Lanolin	S		JEPT 4(4):63-92, 1980; UT 24(Suppl. 1):1-102, 2005
Lanolin Acid	S		JEPT 4(4):63-92, 1980; UT 24(Suppl. 1):1-102, 2005
Lanolin Alcohol	S		JEPT 4(4):63-92, 1980; UT 24(Suppl. 1):1-102, 2005
Lanolin Oil	S		JEPT 4(4):63-92, 1980; UT 24(Suppl. 1):1-102, 2005
Lanolin Wax	S		JEPT 4(4):63-92, 1980; UT 24(Suppl. 1):1-102, 2005
Lanolinamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Lanolinamide DEA...	UT 32(Suppl. 1):36-58, 2013
Lapryrium Chloride	S		JACT 10(1):87-97, 1991; UT 30(Suppl. 2):73-127, 2011
Lard	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	UT 20(S2):57-64, 2001
Lard Glyceride	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	UT 20(S2):57-64, 2001
Lard Glycerides	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	UT 20(S2):57-64, 2001
Lauramide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Lauramide DEA...	JACT 5(5):415-454, 1986; UT 32(Suppl. 1):36-58, 2013
Lauramide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Lauramide MEA...	UT 34(Suppl.1):18-34, 2015
Lauramide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Lauramide MIPA...	Final Report 12/2019 Available from CIR
Lauramide/Myristamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Lauramide/Myristamide DEA...	UT 32(Suppl. 1):36-58, 2013
Lauramidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Lauramidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Lauramidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Lauramidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Lauramidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Lauramine	I	The safety of Lauramine and Stearamine has not been documented and substantiated. The CIR Expert Panel cannot conclude whether these ingredients are safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 14(3):196-203, 1995
Lauramine Oxide	SQ	On the basis of the available animal and clinical data presented in this report, the CIR Expert Panel concludes that Lauramine Oxide and Stearamine Oxide are safe as cosmetic ingredients for "rinse-off" products under present conditions of use. For use in "leave-on" products, the Expert Panel concludes that Lauramine Oxide should be limited to 3.7% and Stearamine Oxide to 5%.	JACT 13(3):231-245, 1994; UT 30(Suppl. 2):73-127, 2011
Laurdimonium Hydroxypropyl Hydrolyzed Wheat Starch	S		Final Report 9/2015 Available from CIR
Laureth-1	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-1...	UT 31(Suppl. 2):169-244, 2012
Laureth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-10...	UT 31(Suppl. 2):169-244, 2012
Laureth-100	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-100...	UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Laureth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-6...	UT 31(Suppl. 2):169-244, 2012
Laureth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-7...	UT 31(Suppl. 2):169-244, 2012
Laureth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-8...	UT 31(Suppl. 2):169-244, 2012
Laureth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-9...	UT 31(Suppl. 2):169-244, 2012
Lauric Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Lauric Acid...	JACT 6(3):321-401, 1987;UT 25(Suppl. 2) :1-89,2006;Final Report Available 04/2019 from CIR
Lauric/Palmitic/Oleic Triglyceride	S		Final Report 12/2017 Available from CIR
Lauriminodipropionic Acid	S		UT 32(Suppl. 3):49-55, 2013
Lauroyl Arginine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Arginine	UT 36(Suppl. 1):17-56, 2017
Lauroyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Collagen Amino Acids	UT 36(Suppl. 1):17-56, 2017
Lauroyl Ethyltrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Lauroyl Ethyltrimonium Methosulfate...	UT 31(Suppl. 3):296-341, 2012
Lauroyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Glutamic Acid	UT 36(Suppl. 1):17-56, 2017
Lauroyl Lysine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Lysine...	UT 36(Suppl. 1):17-56, 2017
Lauroyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Proline...	UT 36(Suppl. 1):17-56, 2017
Lauroyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Lauroyl Sarcosine...	UT 20(S1):1-14, 2001;UT 40(S2):117-133, 2021
Lauroyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Silk Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Laurtrimonium Bromide	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Laurtrimonium Bromide...	UT 31(Suppl. 3):296-341, 2012
Laurtrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Laurtrimonium Chloride...	UT 31(Suppl. 3):296-341, 2012
Lauryl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Lauryl Acrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Lauryl Acrylate/VA Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Lauryl Acrylate/VA Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Lauryl Acrylate/VA Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Lauryl Acrylate/VA Crosspolymer...	Final Report 12/2018 Available from CIR
Lauryl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Lauryl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauryl Betaine...	Final Report 3/2014 Available from CIR
Lauryl Cocoate	SQ	The CIR Expert Panel concludes that Ammonium Cocomonoglyceride Sulfate, Butylene Glycol Cocoate, Caprylic/Capric/Coco Glycerides, Cocoglycerides, Coconut Acid, Coconut Alcohol, Coconut Oil Decyl Esters, Cocos Nucifera (Coconut) Oil, Decyl Cocoate, Ethylhexyl Cocoate, Hydrogenated Coco-Glycerides, Hydrogenated Coconut Acid, Hydrogenated Coconut Oil, Isodecyl Cocoate, Lauryl Cocoate, Magnesium Cocoate, Methyl Cocoate, Octyldodecyl Cocoate, Pentaerythrityl Cocoate, Potassium Cocoate, Potassium Hydrogenated Cocoate, Sodium Cocoate, Sodium Cocomonoglyceride Sulfate, Sodium Hydrogenated Cocoate, and Tridecyl Cocoate are safe for use as cosmetic ingredients.	UT 30(Suppl. 1):5-16, 2011; UT 34(Suppl.2):5-69, 2015
Lauryl Dimethicone PEG-15 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Lauryl Dimethicone/Polyglycerin-3 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Lauryl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Lauryl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
Lauryl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Lauryl Glucoside...	UT 32(Suppl. 3):22-48, 2013
Lauryl Glycol	S		UT 31(Suppl. 2):147-168, 2012
Lauryl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Lauryl Isopentyl-PEG/PPG-18/18 Methicone	S		Final Report 12/2014 Available from CIR
Lauryl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation‡
		Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Lauryl Lactate...	UT 17(S1):1-241, 1998; UT 36(Suppl 2):14-58, 2017
Lauryl Lactate	SQ		
Lauryl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Lauryl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Lauryl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl 5):53-100, 2005
Lauryl Methacrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Lauryl Methacrylate/Glycol Dimethacrylate Crosspolymer...	UT 36(Suppl 2):59-88, 2017; Final Report 12/2018 Available from CIR
Lauryl Methacrylate/Sodium Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Lauryl Methacrylate/Sodium Methacrylate Crosspolymer...	UT 36(Suppl 2):59-88, 2017; Final Report 12/2018 Available from CIR
Lauryl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Lauryl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Lauryl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Lauryl PEG-10 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG-10 Tris(trimethylsiloxy)silylethyl Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG-8 PPG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG/PPG-18/18 Methicone	S		Final Report 12/2014 Available from CIR
Lauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Lauryl Phosphate...	UT 38(S2):12-32,2019
Lauryl Polydimethylsiloxyethyl Dimethicone/Bis-Vinyldimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Lauryl Sultaine	S		Final Report 06/2018 Available from CIR
Lauryl/Myristyl Benzoate	S		UT 31(Suppl.3):342-372, 2012
Lecithin	S		UT 39(S2):5-25,2020
Lecithinamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Lecithinamide DEA...	UT 32(Suppl. 1):36-58, 2013
Lessonia Nigrescens Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Lessonia Nigrescens Powder	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Leucine	S		UT 32(Suppl. 4):41-64, 2013
Levan	S		UT 35(Suppl. 1):5-49, 2016
Levulinic Acid	S		Final Report Available from CIR 09/2021
Lignoceryl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Limonanthes Alba (Meadowfoam) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Limon (Lemon) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Linoleamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Linoleamide DEA...	JACT 5(5):415-454, 1986; UT 32(Suppl. 1):36-58, 2013
Linoleamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Linoleamide MEA...	UT 34(Suppl.1):18-34, 2015
Linoleamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Linoleamide MIPA...	Final Report 12/2019 Available from CIR
Linoleamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Linoleamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Linoleic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Linoleic Acid...	Final Report 04/2019 Available from CIR
Linolenic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Linolenic Acid...	Final Report 04/2019 Available from CIR
Linseed Acid	S		UT 36(Suppl. 3):51-129, 2017
Linseed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Linseed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Linseed Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Linseed Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Linum Usitatissimum (Linseed) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017

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Ingredient	Finding*	Conclusion	Citation†
Lithium Magnesium Silicate	S		UT 22(Suppl. 1):37-102, 2003
Lithium Magnesium Sodium Silicate	S		UT 22(Suppl. 1):37-102, 2003
Lithium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Lithium Stearate...	JACT 1(2):143-177, 1982;UT 22(Suppl. 1):1-35, 2003;Final Report 04/2019 Available from CIR
Lithothamnion Calcareum Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Lithothamnion Calcareum Powder	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Lithothamnion Coralloides Powder	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Locust Bean Hydroxypropyltrimonium Chloride	S		UT 34(Suppl. 1):35-65, 2015
Luffa Cylindrica Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Lupine Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Lupinus Albus Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Lupinus Albus Protein	S		Final Report 9/2017 Available from CIR
Lupinus Albus Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Lycium Barbarum Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Lycium Barbarum Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Lysine	S		UT 32(Suppl. 4):41-64, 2013
Lysine HCl	S		UT 32(Suppl. 4):41-64, 2013
Lysolcithin	S		UT 39(S2):5-25,2020
Lysophosphatidic Acid	S		UT 39(S2):5-25,2020
Lysophosphatidylethanolamine	S		UT 39(S2):5-25,2020
Lysophosphatidylglycerol	S		UT 39(S2):5-25,2020
m-Aminophenol	S		JACT 7(3):279-333, 1988; UT 27(Suppl. 1):77-142, 2008
m-Cresol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	UT 25(Suppl. 1):29-127, 2006
m-Phenylenediamine	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that m-Phenylenediamine and m-Phenylenediamine Sulfate are safe for use in hair dyes at concentrations of up to 10%.	UT 16(S1):59-115, 1997; UT 36(Suppl 2):14-58, 2017
m-Phenylenediamine Sulfate	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that m-Phenylenediamine and m-Phenylenediamine Sulfate are safe for use in hair dyes at concentrations of up to 10%.	UT 16(S1):59-115, 1997; UT 36(Suppl 2):14-58, 2017
Macadamia Integrifolia Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Macadamia Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Macadamia Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Macadamia Seed Oil Polyglyceryl-6 Esters Behenate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Macadamia Seed Oil Polyglyceryl-6 Esters Behenate...	Final Report 9/2016 Available from CIR
Macadamia Ternifolia Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Macadamia Ternifolia Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Macadamia Ternifolia Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Macrocystis Pyrifera (Kelp)	S		Final Report 09/2019 Available from CIR
Macrocystis Pyrifera (Kelp) Blade/Pneumatocyst/Stipe Juice Extract	S		Final Report 09/2019 Available from CIR
Macrocystis Pyrifera (Kelp) Extract	S		Final Report 09/2019 Available from CIR
Macrocystis Pyrifera (Kelp) Juice	S		Final Report 09/2019 Available from CIR
Macrocystis Pyrifera (Kelp) Protein	S		Final Report 09/2019 Available from CIR
Magnesium Acetate	S		UT 31(Suppl. 1):112-136, 2012
Magnesium Alginate	S		Final Report 9/2015 Available from CIR
Magnesium Aluminum Silicate	S		UT 22(Suppl. 1):37-102, 2003
Magnesium Ascorbate	S		UT 24(Suppl. 2):51-111, 2005
Magnesium Ascorbyl Phosphate	S		UT 24(Suppl. 2):51-111, 2005
Magnesium Aspartate	S		UT 32(Suppl. 4):41-64, 2013
Magnesium Benzoate	S		UT 36(Suppl. 3):5-30, 2017
Magnesium Carbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Magnesium Carbonate...	Final Report 12/2016 Available from CIR
Magnesium Citrate	S		UT 33(Suppl 2):16-46, 2014
Magnesium Coceth Sulfate	S		UT 29(Suppl. 3) :151-161,2010
Magnesium Coco-Sulfate	S		UT 29(Suppl. 2):115-132, 2010
Magnesium Cocoate	S		UT 30(Suppl. 1):5-16, 2011;UT 36(Suppl. 3):51-129, 2017
Magnesium Glycinate	S		UT 32(Suppl. 4):41-64, 2013
Magnesium Hydrogen Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Magnesium Hydrogen Phosphate...	UT 40(S1):34-85,2021
Magnesium Hydroxide	SQ	The CIR Expert Panel concluded that ... Magnesium Hydroxide is safe in hair straighteners and depilatories under conditions of recommended use; users should minimize skin contact. A These ingredients are safe for all other present practices of use and concentration described in this safety assessment when formulated to be nonirritating.	UT 40(Suppl 2):16-35;2021
Magnesium Isododecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isododecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	UT 29(Suppl. 4):288-305, 2010
Magnesium Lanolate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Lanolate...	Final Report 04/2019 Available from CIR
Magnesium Laurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Laurate...	Final Report 04/2019 Available from CIR
Magnesium Laureth Sulfate	S		UT 29(Suppl. 3) :151-161,2010
Magnesium Laureth-3 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Magnesium Laureth-3 Sulfosuccinate...	UT 34(Suppl. 2):70-83, 2015
Magnesium Methyl Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Magnesium Methyl Cocoyl Taurate...	Final Report 12/2015 Available from CIR

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Magnesium Myreth Sulfate	S		UT 29(Suppl. 3) :151-161,2010
Magnesium Myristate	S		UT 29(Suppl. 3):162-186,2010
Magnesium Oleth Sulfate	S		UT 29(Suppl. 3) :151-161,2010
Magnesium Palmitate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Palmitate...	Final Report 04/2019 Available from CIR
Magnesium Palmitoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Magnesium Palmitoyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Magnesium PCA	SQ	The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 38(S2):5-11,2019
Magnesium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Magnesium Phosphate...	UT 40(S1):34-85,2021
Magnesium Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Magnesium Salicylate...	UT 22(Suppl 3):1-108, 2003;Final Report 04/2019 Available from CIR
Magnesium Silicate	S		UT 22(Suppl. 1):37-102, 2003
Magnesium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Stearate	UT 22(Suppl. 1):1-35, 2003; JACT 1(2):143-177, 1982;Final Report 04/2019 Available from CIR
Magnesium Sulfate	S		UT 37(Suppl. 1):47-54, 2018
Magnesium Tallowate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Tallowate...	Final Report 04/2019 Available from CIR
Magnesium Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Magnesium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	UT 28(Suppl. 1):68-133, 2009
Magnesium Trisilicate	S		UT 22(Suppl. 1):37-102, 2003
Magnesium/TEA-Coco-Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Magnesium/TEA-Coco-Sulfate...	UT 32(Suppl. 1):59-83, 2013
Maleic Acid	S		UT 26(Suppl. 2):125-130, 2007
Malic Acid	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Malic Acid and Sodium Malate are safe for use as pH adjusters in cosmetic formulations. The Expert Panel determined that the data are insufficient to determine the safety of these ingredients for any other functions.	UT 20(S1):47-55, 2001
Malonic Acid	S		UT 31(Suppl 1):5-76, 2012
Maltitol	S		Final Report 9/2008 Available from CIR
Maltitol Laurate	S		UT 40(Suppl 2):52-116,2021
Maltodextrin	S		Final Report 9/2015 Available from CIR
Maltodextrin/VP Copolymer	S		Final Report 12/2018 Available from CIR
Maltose	S		UT 38(S1):5-38,2019
Malus domestica (apple) seed oil (synonym of Pyrus Malus (Apple) Seed Oil)	S		UT 36(Suppl. 3):51-129, 2017
Malus Domestica Callus Extract	Z	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 4/2016 Available from CIR
Malus Domestica Fiber	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Fiber...	Final Report 04/01/16 available from CIR
Malus Domestica Fruit Cell Culture Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Fruit Cell Culture Extract...	Final Report 4/2016 Available from CIR
Malus Domestica Fruit Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Fruit Extract...	Final Report 4/2016 Available from CIR
Malus Domestica Fruit Water	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Fruit Water...	Final Report 4/2016 Available from CIR
Malus Domestica Juice	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Juice...	Final Report 04/01/16 available from CIR
Malus Domestica Oil	Z	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 04/01/16 available from CIR
Malus Domestica Stem Extract	Z	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 04/01/16 available from CIR
Manganese Citrate	S		UT 33(Suppl 2):16-46, 2014
Manganese Fructose Diphosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed be low are safe under the intended conditions of use in cosmetic formulations. ...Manganese Fructose Diphosphate...	Final Report 10/2018 Available from CIR
Manganese Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Mangifera Indica (Mango) Seed Butter	S		UT 36(Suppl. 3):51-129, 2017
Mangifera Indica (Mango) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Mango Seed Oil PEG-70 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Mango Seed Oil PEG-70 Esters...	UT 33(Suppl 4):13-39, 2014
Mannan	S		Final Report 9/2015 Available from CIR
Mannitol	S		Final Report 12/2019 Available from CIR
Mannose	S		UT 38(S1):5-38,2019
Maurititia Flexuosa Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Maurititia Flexuosa Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR

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Ingredient	Finding ^f	Conclusion	Citation ^g
MEA-PPG-6 Laureth-7 Carboxylate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-PPG-6 Laureth-7 Carboxylate...	IJT 34(Suppl.2):84-98, 2015
MEA-Benzoate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Benzoate...	IJT 34(Suppl.2):84-98, 2015
MEA-Cocoate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Cocoate...	IJT 34(Suppl.2):84-98, 2015
MEA-Hydrolyzed Collagen	S		Final Report 9/2017 Available from CIR
MEA-Hydrolyzed Silk	Z	The Panel also concluded that the available data are insufficient for determining the safety of two silk protein ingredients in cosmetic products ...MEA-Hydrolyzed Silk ...	IJT 39(S3):127-144,2020
MEA-Laureth Sulfate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Laureth Sulfate...	IJT 34(Suppl.2):84-98, 2015
MEA-Laureth-6 Carboxylate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Laureth-6 Carboxylate...	IJT 34(Suppl.2):84-98, 2015
MEA-Lauryl Sulfate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Lauryl Sulfate...	IJT 34(Suppl.2):84-98, 2015
MEA-PPG-8 Steareth-7 Carboxylate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-PPG-8 Steareth-7 Carboxylate...	IJT 34(Suppl.2):84-98, 2015
MEA-Salicylate	SQ	Based on the available information, the CIR Expert Panel concluded that ... MEA-Salicylate... safe as used when formulated to be avoid skin irritation and when formulated to avoid increasing the skin's sun sensitivity,or, when increased sun sensitivity would be expected, directions for use induce the daily use of sun protection.	IJT 22(Suppl.3):1-108, 2003;IJT 34(Suppl.2):84-98, 2015
MEA-Sulfite	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Sulfite...	IJT 34(Suppl.2):84-98, 2015
MEA-Tallowate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Tallowate...	IJT 34(Suppl.2):84-98, 2015
MEA-Undecylenate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Undecylenate...	IJT 34(Suppl.2):84-98, 2015
Meadowfoamamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Meadowfoamamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Melaleuca Alternifolia (Tea Tree) Extract	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 Melaleuca alternifolia (tea tree)- derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Melaleuca Alternifolia (Tea Tree) Extract	Final Report Available from CIR 09/2021
Melaleuca Alternifolia (Tea Tree) Flower/Leaf/Stem Extract	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 Melaleuca alternifolia (tea tree)- derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Melaleuca Alternifolia (Tea Tree) Flower/Leaf/Stem Extract	Final Report Available from CIR 09/2021
Melaleuca Alternifolia (Tea Tree) Leaf Oil	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 Melaleuca alternifolia (tea tree)- derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Melaleuca Alternifolia (Tea Tree) Leaf Oil	Final Report Available from CIR 09/2021
Melaleuca Alternifolia (Tea Tree) Leaf Powder	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 Melaleuca alternifolia (tea tree)- derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Melaleuca Alternifolia (Tea Tree) Leaf Powder	Final Report Available from CIR 09/2021
Melaleuca Alternifolia (Tea Tree) Leaf Water	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 Melaleuca alternifolia (tea tree)- derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Melaleuca Alternifolia (Tea Tree) Leaf Water	Final Report Available from CIE 09/2021
Melaleuca Alternifolia (Tea Tree) Leaf/Stem/Oil	SQ	Melaleuca Alternifolia The Expert Panel for Cosmetic Ingredient Safety concluded that the following 8 Melaleuca alternifolia (tea tree)- derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...(Tea Tree) Leaf/Stem/Oil	Final Report Available from CIR 09/2021
Melamine/Formaldehyde Resin	Z		JACT 14(5):373-385, 1995
Melibiose	S		IJT 38(S1):5-38,2019
Mentha Piperita (Peppermint) Extract	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)- derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Extract...	Final Report 3/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Mentha Piperita (Peppermint) Flower/Leaf/Stem Extract	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following 3 Mentha piperita (peppermint)-derived ingredients are safe under the intended conditions of use in cosmetic formulations...Mentha Piperita (Peppermint) Flower/Leaf/Stem Extract...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Flower/Leaf/Stem Water	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following 3 Mentha piperita (peppermint)-derived ingredients are safe under the intended conditions of use in cosmetic formulations...Mentha Piperita (Peppermint) Flower/Leaf/Stem Water...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Leaf	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf...	UT 20(suppl 3):61-73, 2001;Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Leaf Cell Extract	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf Cell Extract...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf Extract...	UT 20(suppl 3):61-73, 2001;Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Leaf Juice	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf Juice...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Leaf Water	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf Water...	UT 20(suppl 3):61-73, 2001;Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Meristem Cell Culture	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following 3 Mentha piperita (peppermint)-derived ingredients are safe under the intended conditions of use in cosmetic formulations...Mentha Piperita (Peppermint) Meristem Cell Culture...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Oil	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Oil...	UT 20(suppl 3):61-73, 2001;Final Report 3/2018 Available from CIR
Mesophyllum Lichenoides Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Metaphosphoric Acid	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Metaphosphoric Acid...	UT 40(S1):34-85,2021
Methacrylic Acid	SQ	Based on the available animal, clinical, and other data included in this report, the CIR Expert Panel concludes that Methacrylic Acid is safe as used as a nail primer by trained professionals, but there are insufficient data for retail use by consumers.	UT 24(Suppl 5):33-51, 2005
Methacrylic Acid/PEG-6 Methacrylate/PEG-6 Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Methacrylic Acid/PEG-6 Methacrylate/PEG-6 Dimethacrylate Crosspolymer...	UT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Methacrylic Acid/Styrene/VP Copolymer	S		Final Report 12/2018 Available from CIR
Methacryloyl Ethyl Betaine/Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Methacryloyl Ethyl Betaine/Acrylates Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Methacryloyloxypropyl Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Methenamine	SQ	On the basis of the animal and clinical data presented in this report, the CIR Expert Panel concludes that Methenamine is safe for cosmetic use at concentrations not to exceed 0.16% in formulation. It cannot be concluded that Methenamine is safe for use in cosmetic products intended to be aerosolized.	JACT 11(4):531-558, 1992; IUT 30(Suppl. 2):73-127, 2011
Methicone	S		UT 22(Suppl. 2):11-35, 2003
Methionine	S		UT 32(Suppl. 4):41-64, 2013
Methoxy PEG-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-10...	UT 31(Suppl. 2):169-244, 2012
Methoxy PEG-10 Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Methoxy PEG-100	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-100...	UT 31(Suppl. 2):169-244, 2012
Methoxy PEG-11/Methoxy PPG-24 Dimethicone	S		Final Report 12/2014 Available from CIR
Methoxy PEG-13 Ethyl Polysilsesquioxane	S		Final Report 12/2014 Available from CIR
Methoxy PEG-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-16...	UT 31(Suppl. 2):169-244, 2012
Methoxy PEG-17/Methoxy PEG-11/HDI Crosspolymer	S		Final Report 06/2016 available from CIR
Methoxy PEG-17/Methoxy PEG-11/HDI Isocyanurate Trimer Crosspolymer	S		Final Report 06/2016 available from CIR
Methoxy PEG-23 Methacrylate/Glyceryl Diisostearate Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Methoxy PEG-23 Methacrylate/Glyceryl Diisostearate Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Methoxy PEG-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-25...	UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Methoxy PEG-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-40...	IJT 31(Suppl. 2):169-244, 2012
Methoxy PEG-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-7...	IJT 31(Suppl. 2):169-244, 2012
Methoxy PEG/PPG-25/4 Dimethicone	S		Final Report 12/2014 Available from CIR
Methoxydiglycol Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that... Methoxydiglycol Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Methoxyisopropanol	S		IJT 27(Suppl. 2):25-39, 2008
Methoxyisopropyl Acetate	S		IJT 27(Suppl. 2):25-39, 2008
Methyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Methyl Alcohol	SQ	Based on the data presented in this safety assessment, the CIR Expert Panel concludes that Methyl Alcohol is safe as used to denature alcohol used in cosmetic products.	IJT 20(S1):57-85, 2001
Methyl Benzoate	S		IJT 31(Suppl. 3):342-372, 2012
Methyl Cocoate	S		IJT 30(Suppl. 1):5-16, 2011
Methyl Cyclodextrin	S		Final Report 9/2015 Available from CIR
Methyl Ethylcellulose	S		Final Report 3/2009 Available from CIR
Methyl Gluceth-10	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Gluceth-20	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Caprylate/Caprates	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Dioleate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Isostearate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Laurate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquicaprylate/Sesquicaprate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquicoate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquisteareate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquilaurate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquioleate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquisteareate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Methyl Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Methyl Glycyrhizate	S		IJT 26(Suppl. 2):79-112, 2007
Methyl Hydroxyethylcellulose	S		Final Report 3/2009 Available from CIR
Methyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Methyl Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Methyl Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Methyl Methacrylate Crosspolymer...	IJT 30(Suppl 1):545-655, 2011;Final Report 12/2018 Available from CIR
Methyl Methacrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Methyl Methacrylate/Glycol Dimethacrylate Crosspolymer...	IJT 30(Suppl 1):545-655, 2011;Final Report 12/2018 Available from CIR
Methyl Methacrylate/PEG/PPG-4/3 Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Methyl Methacrylate/PEG/PPG-4/3 Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Methyl Myristate	S		IJT 29(Suppl. 3):162-186,2010
Methyl Myristic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Methyl Myristic Acid...	Final Report 04/2019 Available from CIR
Methyl Pelargonate	S		Final Report 3/2015 Available from CIR
Methyl Ricinoleate	S		IJT 26(Suppl. 3):31-77, 2007
Methyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Methyl Salicylate...	IJT 22(Suppl 3):1-108, 2003;Final Report 04/2019 Available from CIR
Methyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Methyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Methylbenzethonium Chloride	SQ	On the basis of the available animal and clinical data, the Expert Panel concludes that Benzethonium Chloride and Methylbenzethonium Chloride are safe at concentrations of 0.5 percent in cosmetics applied to the skin. A maximum concentration of 0.02 percent is safe for cosmetics used in the eye area. Note: FDA has prohibited the use of Methylene Chloride in cosmetic products, action which supercedes this CIR conclusion (21CFR700.19).	JACT 4(5):65-106, 1985; IJT 25(Suppl. 2) :1-89,2006
Methylcellulose	S		Final Report 3/2009 Available from CIR
Methylchloroisothiazolinone	SQ	The Panel concluded that the ingredient mixture MCI/MI is safe in cosmetics when formulated to be non-sensitizing, based on the results of a QRA or similar methodology; however, at no point should concentrations exceed 7.5 ppm in leave-on products or 15 ppm in rinse-off products.	IJT 40(S1):20-33,2021
Methyldibromo Glutaronitrile	SQ	Based on the available data, the CIR Expert Panel concludes Methyldibromo Glutaronitrile to be safe as used in rinse off products, and safe up to 0.025% in leave on products.	JACT 15(2):140-165, 1996; IJT 36(Suppl 2):14-58, 2017

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Ingredient	Finding†	Conclusion	Citation‡
		On the basis of the data included in this report, the CIR Expert Panel concludes that MeCl2 is safe for use in cosmetic products designed for brief discontinuous use.	
Methylene Chloride	SQ	*Note: FDA has prohibited the use of Methylene Chloride in cosmetic products, action which supersedes this CIR conclusion (21CFR700.19).	JACT 7(6):741-835, 1988; IJT 27(Suppl. 1):77-142, 2008
Methylene Glycol	S,SQ,U	The CIR Expert Panel concluded that formaldehyde and methylene glycol are safe for use in cosmetics when formulated to ensure use at the minimal effective concentration, but in no case should the formalin concentration exceed 0.2% (w/w), which would be 0.074% (w/w) calculated as formaldehyde or 0.118% (w/w) calculated as methylene glycol. Additionally, formaldehyde and methylene glycol are safe in the present practices of use and concentration in nail hardening products. However, formaldehyde and methylene glycol are unsafe in the present practices of use and concentration in hair smoothing products (a.k.a. hair straightening products). Formalin is an aqueous solution wherein formaldehyde (gas) has been added to water to a saturation point, which is typically 37% formaldehyde (w/w). Because of the equilibrium between formaldehyde and methylene glycol in aqueous solution, formalin is composed of both formaldehyde and methylene glycol.	UT 32(Suppl. 4):5-32, 2013
Methylisothiazolinone	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that Methylisothiazolinone is safe for use in rinse-off cosmetic products at concentrations up to 100 ppm (i.e. 0.01%) and safe in leave-on cosmetic products when they are formulated to be non-sensitizing, which may be determined based on a QRA or similar methodology.	UT 38(S1):70-84,2019;IJT 40(S1):5-19, 2021
Methylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Methylparaben...	JACT 3(5):147-209, 1984; Á IJT 27 (Suppl. 4):1-82, 2008; IJT 39(Suppl. 1):5-97, 2020
Methylpropanediol	S		Final Report 06/2018 available from CIR
Methylstyrene/Vinyltoluene Copolymer	S		Final Report 9/2014 Available from CIR
MIBK	SQ	Based on the available animal and clinical data in this report, the CIR Expert Panel concludes that MIBK is safe as used in nail polish removers and as an alcohol denaturant in cosmetic products.	UT 23(Suppl. 1):29-57, 2004
Microcitrus Australasica Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Microcitrus Australasica Fruit Extract...	UT 40(S3):5-38, 2021
Microcitrus Australis Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Microcitrus Australis Fruit Extract...	UT 40(S3):5-38, 2021
Microcrystalline Cellulose	S		Final Report 3/2009 Available from CIR
Microcrystalline Wax	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
Milk Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Milk Protein	S		Final Report 9/2017 Available from CIR
Milk Protein Extract	S		Final Report 9/2017 Available from CIR
Milkamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Milkamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Mink Oil	S		UT 17(S4):71-81, 1998; IJT 24(Suppl. 3):57-64, 2005
Mink Oil PEG-13 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Mink Oil PEG-13 Esters...	UT 33(Suppl 4):13-39, 2014
Minkamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Minkamide DEA...	UT 32(Suppl. 1):36-58, 2013
Minkamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Minkamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Minkamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Minkamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
MIPA-Dodecylbenzenesulfonate	SQ	Salts of allylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium dodecylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DBBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	UT 29(Suppl. 4):288-305, 2010
MIPA-Myristate	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...MIPA-Myristate...	Final Report 12/2019 Available from CIR
Mixed Cresols	Z	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	UT 25(Suppl. 1):29-127, 2006
Mixed Isopropanolamine	SQ	The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	JACT 6(1):53-76, 1987; IJT 25(Suppl. 2) :1-89,2006
Mixed Isopropanolamines	SQ	The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	JACT 6(1):53-76, 1987; IJT 25(Suppl. 2) :1-89,2006
Monoethanolamine	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Monoethanolamine...	JACT 2(7):183-235, 1983; IJT 34(Suppl 2):84-98, 2015
Monosodium Citrate	S		UT 33(Suppl 2):16-46, 2014
Montan Wax	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
Montmorillonite	S		UT 22(Suppl. 1):37-102, 2003
Morinda Citrifolia Seed Oil	S		UT 36(Suppl. 3):51-129, 2017

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Moringa Oleifera Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Moringa Pterygosperma Seed Oil (another name for Moringa Oleifera Seed Oil)	S		UT 36(Suppl. 3):51-129, 2017
Morpholine	UNS	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude that Morpholine is safe for use in cosmetic products until such time that the appropriate safety data have been obtained and evaluated.	JACT 8(4):707-748, 1989
Myreth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-10...	UT 31(Suppl. 2):169-244, 2012
Myreth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-2...	UT 31(Suppl. 2):169-244, 2012
Myreth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-3...	UT 31(Suppl. 2):169-244, 2012
Myreth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-4...	UT 31(Suppl. 2):169-244, 2012
Myreth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-5...	UT 31(Suppl. 2):169-244, 2012
Myristamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Myristamide DEA...	Final Report 8/1995 Available from CIR; IUT 32(Suppl. 1):36-58, 2013
Myristamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Myristamide MEA	Final Report 8/1995 Available from CIR; IUT 34(Suppl.1):18-34, 2015
Myristamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Myristamide MIPA...	Final Report 12/2019 Available from CIR
Myristamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Myristamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Myristamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Myristamidopropyl Dimethylamine...	IUT 38(S1):39-69,2019
Myristamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Myristic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Myristic Acid...	JACT 6(3):321-401, 1987/IUT 25(Suppl. 2) :1-89,2006/IUT 29(Suppl. 3) :162-186,2010;Final Report Available 04/2019 from CIR
Myristoyl Ethyltrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Myristoyl Ethyltrimonium Methosulfate...	UT 31(Suppl. 3):296-341, 2012
Myristoyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Myristoyl Glutamic Acid...	IUT 36(Suppl. 1):17-56, 2017
Myristoyl Hexapeptide-12	S		Final Report 06/10/2014 Available from CIR
Myristoyl Pullulan	S		UT 35(Suppl. 1):5-49, 2016
Myristoyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Myristoyl Sarcosine...	IUT 20(S1):1-14, 2001/IUT 40(S2):117-133,2021
Myristoyl Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Myristyl Acetate	S		IUT 31(Suppl. 1):112-136, 2012
Myristyl Alcohol	S		JACT 7(3):359-413, 1988; IUT 27(Suppl. 1):77-142, 2008
Myristyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Myristyl Betaine...	Final Report 3/2014 Available from CIR
Myristyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Myristyl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
Myristyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Myristyl Glucoside...	IUT 32(Suppl. 3):22-48, 2013
Myristyl Glycol	S		UT 31(Suppl. 2):147-168, 2012
Myristyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Myristyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Myristyl Lactate...	JACT 1(2):97-107, 1982; IUT 17(S1):1-241, 1998; IUT 36(Suppl 2):14-58, 2017
Myristyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Myristyl Myristate	S		JACT 1(4):55-80, 1982; IUT 24(Suppl. 1):1-102, 2005; IUT 29(Suppl. 3):162-186,2010; IUT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation‡
Myristyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Myristyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Myristyl Phosphate...	IJT 38(S2):12-32,2019
Myristyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Myristyl Salicylate... The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 22(Suppl.3):1-108, 2003;Final Report 04/2019 Available from CIR
Myristyl Stearate	SQ		JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Myristyl Sultaine	S		Final Report 06/2018 Available from CIR
Myrtrimonium Bromide	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Myrtrimonium Bromide...	IJT 31(Suppl. 3):296-341, 2012
N,N-Bis(2-Hydroxyethyl)-p-Phenylenediamine Sulfate	S		JACT 11(1):129-143, 1992
n-Butane	S		JACT 1(4):127-142, 1982; IJT 24(Suppl. 1):1-102, 2005
n-Butyl Alcohol	S		JACT 6(3):403-424, 1987; IJT 27(Suppl. 2):53-69, 2008
N-Phenyl-p-Phenylenediamine	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that N-Phenyl-p-Phenylenediamine... safe for use in hair dyes at concentrations up to 1.7% (as the free base).	JACT 13(5):374-394, 1994; IJT 30(Suppl. 2):73-127, 2011
N-Phenyl-p-Phenylenediamine HCl	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that ... N-Phenyl-p-Phenylenediamine Hydrochloride... safe for use in hair dyes at concentrations up to 1.7% (as the free base).	JACT 13(5):374-394, 1994; IJT 30(Suppl. 2):73-127, 2011
N-Phenyl-p-Phenylenediamine Sulfate	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that ... N-Phenyl-p-Phenylenediamine Sulfate are safe for use in hair dyes at concentrations up to 1.7% (as the free base).	JACT 13(5):374-394, 1994; IJT 30(Suppl. 2):73-127, 2011
Neopentyl Glycol Dicaprate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Dicaprylate/Dicaprate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Dicaprylate/Dipelargonate/Dicaprate	S		IJT 30(Suppl. 3):228-269, 2011;Final Report 9/2017 Available from CIR
Neopentyl Glycol Diethylhexanoate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Diheptanoate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Diisononanoate	S		IJT 30(Suppl. 3):228-269, 2011;Final Report 9/2017 Available from CIR
Neopentyl Glycol Diisostearate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Dilaurate	S		Final Report 9/2017 Available from CIR
Nereocystis Luetkeana Extract	S		Final Report 09/2019 Available from CIR
Niacin	S		IJT 24(Suppl.5):1-31, 2005
Niacinamide	S		IJT 24(Suppl.5):1-31, 2005
Nitrocellulose	S		IJT 35(Suppl. 1):50-59, 2016
Noneth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Noneth-8...	IJT 31(Suppl. 2):169-244, 2012
Nonoxynol-1	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-1...	IJT 18(S1):11-31, 1999;Final Report 12/2015 Available from CIR
Nonoxynol-10	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-10...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR
Nonoxynol-100	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-100...	Final Report 12/2015 Available from CIR
Nonoxynol-11	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-11...	Final Report 12/2015 Available from CIR
Nonoxynol-12	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-12...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR
Nonoxynol-120	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-120...	Final Report 12/2015 Available from CIR
Nonoxynol-13	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-13...	Final Report 12/2015 Available from CIR
Nonoxynol-14	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-14...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR
Nonoxynol-15	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-15...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR
Nonoxynol-18	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-18...	Final Report 12/2015 Available from CIR
Nonoxynol-2	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-2...	JACT 2(7):35-60, 1983;IJT 18(S1):11-31, 1999;Final Report 12/2015 Available from CIR
Nonoxynol-20	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-20...	Final Report 12/2015 Available from CIR
Nonoxynol-23	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-23...	Final Report 12/2015 Available from CIR
Nonoxynol-25	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-25...	Final Report 12/2015 Available from CIR
Nonoxynol-3	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-3...	IJT 18(S1):11-31, 1999;Final Report 12/2015 Available from CIR
Nonoxynol-30	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Nonoxynol-30...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Nonoxynol-35	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-35...	Final Report 12/2015 Available from CIR
Nonoxynol-4	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-4...	JACT 2(7):35-60, 1983;UT 18(S1):11-31, 1999;Final Report 12/2015 Available from CIR
Nonoxynol-40	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-40...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR
Nonoxynol-44	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-44...	Final Report 12/2015 Available from CIR
Nonoxynol-5	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-5...	UT 18(S1):11-31, 1999;Final Report 12/2015 Available from CIR
Nonoxynol-50	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-50...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR
Nonoxynol-6	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-6...	UT 18(S1):11-31, 1999;Final Report 12/2015 Available from CIR
Nonoxynol-7	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-7...	UT 18(S1):11-31, 1999;Final Report 12/2015 Available from CIR
Nonoxynol-70	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-70...	Final Report 12/2015 Available from CIR
Nonoxynol-8	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-8...	JACT 2(7):35-60, 1983;UT 18(S1):11-31, 1999;Final Report 12/2015 Available from CIR
Nonoxynol-9	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-9...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR
Nonyl Acetate	S		UT 31(Suppl. 1):112-136, 2012
Nylon-10/10	S		UT 33(Suppl 4):47-60, 2014
Nylon-11	S		UT 33(Suppl 4):47-60, 2014
Nylon-12	S		UT 33(Suppl 4):47-60, 2014
Nylon-12/6/66 Copolymer	S		UT 33(Suppl 4):47-60, 2014
Nylon-6	S		UT 33(Suppl 4):47-60, 2014
Nylon-6/12	S		UT 33(Suppl 4):47-60, 2014
Nylon-611	S		UT 33(Suppl 4):47-60, 2014
Nylon-66	S		UT 33(Suppl 4):47-60, 2014
o-Aminophenol	S		JACT 7(3):279-333, 1988; UT 27(Suppl. 1):77-142, 2008
o-Cresol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	UT 25(Suppl. 1):29-127, 2006
o-Cymen-5-ol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	JACT 3(3):131-138, 1984;UT 25(Suppl. 1):29-127, 2006
Oat Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Oatamide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Oatamide MEA...	UT 34(Suppl.1):18-34, 2015
Oatamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Oatamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Oatamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Oatamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Octacosanyl Glycol	S		UT 31(Suppl. 2):147-168, 2012
Octacosatrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Octacosatrimonium Chloride...	UT 31(Suppl. 3):296-341, 2012
Octadecyl D-glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Octadecyl D-glucoside...	UT 32(Suppl. 3):22-48, 2013
Octanediol	I	The Panel also concluded that the available data are insufficient to make a determination that ... Octanediol ... is safe under the intended conditions of use in cosmetic formulations.	Final Report 06/2018 available from CIR
Octoxynol-1	SQ	The Panel also concluded that Octoxynols -1, ... is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	UT 23(Suppl. 1):59-111, 2004
Octoxynol-10	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-11	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-12	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-13	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-16	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-20	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-20 Carboxylic Acid	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-25	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-3	SQ	The Panel also concluded that ... Octoxynol-3 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	UT 23(Suppl. 1):59-111, 2004
Octoxynol-30	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-33	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-40	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-5	SQ	The Panel also concluded that ... Octoxynol-5 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	UT 23(Suppl. 1):59-111, 2004
Octoxynol-6	SQ	The Panel also concluded that ... Octoxynol-6 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	UT 23(Suppl. 1):59-111, 2004

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Ingredient	Finding [†]	Conclusion	Citation [‡]
Octoxynol-7	SQ	The Panel also concluded that ... Octoxynol-7 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	UT 23(Suppl. 1):59-111, 2004
Octoxynol-70	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-8	SQ	The Panel also concluded that ... Octoxynol-8 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	UT 23(Suppl. 1):59-111, 2004
Octoxynol-9	S		UT 23(Suppl. 1):59-111, 2004
Octoxynol-9 Carboxylic Acid	S		UT 23(Suppl. 1):59-111, 2004
Octyl Dodecanol	S		JACT 4(5):1-29, 1985; UT 25(Suppl. 2) :1-89,2006
Octyl Palmitate	S		JACT 1(2):13-35, 1982; UT 24(Suppl. 1):1-102, 2005; UT 34(Suppl.2):5-69, 2015
Octyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; UT 24(Suppl. 1):1-102, 2005; UT 34(Suppl.2):5-69, 2015
Octyldecyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldecyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Octyldecyl Phosphate...	UT 38(S2):12-32,2019
Octyldodecanol	S		JACT 4(5):1-29, 1985; UT 25(Suppl. 2) :1-89,2006
Octyldodeceth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-10...	UT 31(Suppl. 2):169-244, 2012
Octyldodeceth-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-16...	UT 31(Suppl. 2):169-244, 2012
Octyldodeceth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-2...	UT 31(Suppl. 2):169-244, 2012
Octyldodeceth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-20...	UT 31(Suppl. 2):169-244, 2012
Octyldodeceth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-25...	UT 31(Suppl. 2):169-244, 2012
Octyldodeceth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-30...	UT 31(Suppl. 2):169-244, 2012
Octyldodeceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-5...	UT 31(Suppl. 2):169-244, 2012
Octyldodecyl Avocadoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Benzoate	S		UT 31(Suppl.3):342-372, 2012
Octyldodecyl Cocoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 1):5-16, 2011; UT 34(Suppl.2):5-69, 2015
Octyldodecyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Octyldodecyl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
Octyldodecyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Octyldodecyl Glucoside...	UT 32(Suppl. 3):22-48, 2013
Octyldodecyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Meadowfoamate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Octyldodecyl Neodecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Octyldodecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Oliviate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Octyldodecyl Ricinoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating.	UT 26(Suppl.3):31-77, 2007;UT 34(Suppl.2):5-69, 2015
Octyldodecyl Safflowerate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Octyldodecyl Stearoyl Stearate	S		UT 20(suppl 3):51-59, 2001; UT 24(Suppl. 3):65-74, 2005
Octyldodecyltrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Octyldodecyltrimonium Chloride...	UT 31(Suppl. 3):296-341, 2012
Oenothera Biennis (Evening Primrose) Oil	S		UT 36(Suppl. 3):51-129, 2017
Olea Europaea (Olive) Fruit Oil	S		UT 36(Suppl. 3):51-129, 2017
Olea Europaea (Olive) Husk Oil	S		UT 36(Suppl. 3):51-129, 2017
Olea Europaea (Olive) Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Oleamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Oleamide DEA...	JACT 5(5):415-454, 1986; IJT 32(Suppl. 1):36-58, 2013
Oleamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Oleamide MEA...	UT 34(Suppl.1):18-34, 2015
Oleamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Oleamide MIPA...	Final Report 12/2019 Available from CIR
Oleamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Oleamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Oleamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Oleamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Oleamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Oleic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Oleic Acid...	JACT 6(3):321-401, 1987;UT 25(Suppl. 2) :1-89,2006;Final Report Available 04/2019 from CIR
Oleic/Linoleic Triglyceride	S		Final Report 12/2017 Available from CIR
Oleic/Palmitic/Lauric/Myristic/Linoleic Triglyceride	S		Final Report 12/2017 Available from CIR
Oleoyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Oleoyl Sarcosine...	UT 20(S1):1-14, 2001;UT 40(S2):117-133,2021
Oleoyl Tyrosine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Oleoyl Tyrosine...	UT 36(Suppl. 1):17-56, 2017
Oleth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-10...	UT 18(S2):17-24, 1999;UT 31(Suppl. 2):169-244, 2012
Oleth-100	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-100...	UT 31(Suppl. 2):169-244, 2012
Oleth-106	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-106...	UT 31(Suppl. 2):169-244, 2012
Oleth-11	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-11...	UT 18(S2):17-24, 1999;UT 31(Suppl. 2):169-244, 2012
Oleth-110	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-110...	UT 31(Suppl. 2):169-244, 2012
Oleth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-12...	UT 18(S2):17-24, 1999;UT 31(Suppl. 2):169-244, 2012
Oleth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-15...	UT 18(S2):17-24, 1999;UT 31(Suppl. 2):169-244, 2012
Oleth-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-16...	UT 18(S2):17-24, 1999;UT 31(Suppl. 2):169-244, 2012
Oleth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-2...	UT 18(S2):17-24, 1999;UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding ^f	Conclusion	Citation ^g
Oleyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Oleyl Betaine...	Final Report 3/2014 Available from CIR
Oleyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Oleyl Ethyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Oleyl Ethyl Phosphate...	UT 38(S2):12-32,2019
Oleyl Glyceryl Ether	S		UT 32(Suppl. 3):5-21, 2013
Oleyl Linoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Oleyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Oleyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Oleyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Oleyl Phosphate...	UT 38(S2):12-32,2019
Oleyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Olivamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Olivamide DEA...	UT 32(Suppl. 1):36-58, 2013
Olivamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Olivamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Olivamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Olivamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Olive Acid	S		UT 36(Suppl. 3):51-129, 2017
Olive Oil PEG-10 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Olive Oil PEG-10 Esters...	UT 33(Suppl 4):13-39, 2014
Olive Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Olive Oil PEG-6 Esters...	UT 33(Suppl 4):13-39, 2014
Olive Oil PEG-7 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Olive Oil PEG-7 Esters...	UT 33(Suppl 4):13-39, 2014
Olive Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Olive Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Olive Oil Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Olive Oil Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Olive Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Olive Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Olive Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Olive Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Olive Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Olive Oil Propylene Glycol Esters...	Final Report 12/2014 Available from CIR
Oliveamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Oliveamide MEA...	UT 34(Suppl.1):18-34, 2015
Orbignya Cohune Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Orbignya Oleifera Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Orbignya Oleifera Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Orbignya Oleifera Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Orbignya Speciosa Kernel Oil	S		UT 36(Suppl. 3):51-129, 2017
Oryza Sativa (Rice) Bran	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Oryza Sativa (Rice) Bran Extract	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Oryza Sativa (Rice) Bran Oil	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006;UT 36(Suppl. 3):51-129, 2017
Oryza Sativa (Rice) Bran Wax	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Oryza Sativa (Rice) Extract	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Oryza Sativa (Rice) Germ Oil	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006;UT 36(Suppl. 3):51-129, 2017
Oryza Sativa (Rice) Germ Powder	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Oryza Sativa (Rice) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Oryza Sativa (Rice) Starch	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Oxidized Beta-Glucan	S		UT 35(Suppl. 1):5-49, 2016
Oxidized Keratin	S		UT 40(Suppl 2):36-51,2021
Oxyquinoline	SQ	Based on the available information, the CIR Expert Panel concludes that Oxyquinoline and Oxyquinoline Sulfate are safe as used as stabilizers for hydrogen peroxide in leave-on hair care cosmetic products. There are insufficient data to support the safety of Oxyquinoline and Oxyquinoline Sulfate in leave-on cosmetic products.	JACT 11(4):497-507, 1992; UT 25(Suppl. 1):1-9, 2006

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Ingredient	Finding*	Conclusion	Citation†
Oxyquinoline Sulfate	SQ	Based on the available information, the CIR Expert Panel concludes that Oxyquinoline and Oxyquinoline Sulfate are safe as used as stabilizers for hydrogen peroxide in leave-on hair care cosmetic products. There are insufficient data to support the safety of Oxyquinoline and Oxyquinoline Sulfate in leave-on cosmetic products.	JACT 11(4):497-507, 1992; IJT 25(Suppl. 1):1-9, 2006
Ozokerite	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
p-Aminophenol	S		JACT 7(3):279-333, 1988; IJT 27(Suppl. 1):77-142, 2008
p-Chloro-m-Cresol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 16(Suppl.3):235-268, 1997; IJT 25(Suppl. 1):29-127, 2006
p-Cresol	Z	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
p-Hydroxyanisole	SQ; U	The CIR Expert Panel concluded that p-Hydroxyanisole is safe for use in nail adhesives and in artificial nail coatings, as a polymerization inhibitor, that are cured by LED light; and unsafe for use in all other cosmetics due to dermal depigmentation potential.	JACT 4(5):31-63, 1985; Final Report 12/2014 Available from CIR
p-Methylaminophenol	S		Final Report 12/2007 Available from CIR
p-Methylaminophenol Sulfate	S		JACT 10(1):53-65, 1991; Final Report 12/2007 Available from CIR
p-Phenylenediamine	S		JACT 4(3):203-266, 1985; IJT 25(Suppl. 2) :1-89, 2006; Final Report 12/2007 Available from CIR
p-Phenylenediamine HCl	S		Final Report 12/2007 Available from CIR
p-Phenylenediamine Sulfate	S		Final Report 12/2007 Available from CIR
Palm (Elaeis Guineensis) Kernel Oil	S		IJT 19(S2):7-28, 2000; IJT 36(Suppl. 3):51-129, 2017
Palm (Elaeis Guineensis) Oil	S		IJT 19(S2):7-28, 2000; IJT 36(Suppl. 3):51-129, 2017
Palm Acid	S		IJT 36(Suppl. 3):51-129, 2017
Palm Kernel Acid	S		IJT 36(Suppl. 3):51-129, 2017
Palm Kernel Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Palm Kernel Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Palm Kernelamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Palm Kernelamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Palm Kernelamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Palm Kernelamide MEA...	IJT 34(Suppl.1):18-34, 2015
Palm Kernelamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Palm Kernelamide MIPA...	Final Report 12/2019 Available from CIR
Palm Kernelamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Palm Kernelamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Palm Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Palm Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Palm Oil Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Palm Oil Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Palm Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Palm Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Palm Oil Polyglyceryl-5 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Palm Oil Polyglyceryl-5 Esters...	Final Report 9/2016 Available from CIR
Palm Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Palm Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Palmamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Palmamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Palmamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Palmamide MEA...	IJT 34(Suppl.1):18-34, 2015
Palmamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Palmamide MIPA...	Final Report 12/2019 Available from CIR
Palmamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Palmamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Palmaria Palmata Extract	S		Final Report Available from 09/2021
Palmaria Palmata Powder	S		Final Report Available from CIR 09/2021
Palmeth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Palmeth-2...	IJT 31(Suppl. 2):169-244, 2012
Palmitamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Palmitamide DEA...	IJT 32(Suppl. 1):36-58, 2013

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Ingredient	Finding†	Conclusion	Citation‡
Palmitamide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Palmitamide MEA...	UT 34(Suppl.1):18-34, 2015
Palmitamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Palmitamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Palmitamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Palmitamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Palmitic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Palmitic Acid...	JACT 6(3):321-401, 1987;UT 25(Suppl. 2) :1-89,2006;Final Report Available 04/2019 from CIR
Palmitic/Stearic Triglyceride	S		Final Report 12/2017 Available from CIR
Palmitoyl Alanine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Alanine...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Arginine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Arginine...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Carnitine	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Palmitoyl Carnitine...	UT 31(Suppl. 3):296-341, 2012
Palmitoyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Collagen Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Ethyltrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Palmitoyl Ethyltrimonium Methosulfate...	UT 31(Suppl. 3):296-341, 2012
Palmitoyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Glutamic Acid...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Glycine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Glycine...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Gold of Pleasure Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Gold of Pleasure Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Hexapeptide-12	S		Final Report 06/10/2014 Available from CIR
Palmitoyl Inulin	S		Final Report 9/2015 Available from CIR
Palmitoyl Isoleucine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Isoleucine...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Keratin Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Keratin Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Millet Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Millet Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Oat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Oat Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Oligopeptide	S		Final Report 06/10/2014 Available from CIR
Palmitoyl Pea Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Pea Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Proline...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Quinoa Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Quinoa Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Silk Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Tetrapeptide-7	S		Final Report 06/10/2014 Available from CIR
Palmitoyl Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Panax Ginseng Root	S		UT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Extract	S		UT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Oil	S		UT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Powder	S		UT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Protoplasts	S		UT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Water	S		UT 34(Suppl.3):5-42, 2015
Panax Japonicus Root Extract	S		UT 34(Suppl.3):5-42, 2015
Panax Notoginseng Root Extract	S		UT 34(Suppl.3):5-42, 2015
Panax Notoginseng Root Powder	S		UT 34(Suppl.3):5-42, 2015
Panax Quinquefolium Root Extract	S		UT 34(Suppl.3):5-42, 2015
Panthenol	S		JACT 6(1):139-162, 1987;UT 25(Suppl. 2) :1-89,2006;Final Report 12/2017 Available from CIR
Panthenyl Ethyl Ether	S		Final Report 12/2017 Available from CIR
Panthenyl Ethyl Ether Acetate	S		Final Report 12/2017 Available from CIR
Panthenyl Triacetate	S		Final Report 12/2017 Available from CIR
Pantothenamide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Pantothenamide MEA...	UT 34(Suppl.1):18-34, 2015
Pantothenic Acid	S		JACT 6(1):139-162, 1987;UT 25(Suppl. 2) :1-89,2006;Final Report 12/2017 Available from CIR
Paraffin	S		JACT 3(3):43-99, 1984; UT 24(Suppl. 1):1-102, 2005
Parinari Curatellifolia Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Parinari Curatellifolia Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Passiflora Edulis Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Passiflora Edulis Seed Oils PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Passiflora Edulis Seed Oils PEG-8 Esters...	UT 33(Suppl.4):13-39, 2014
PCA	SQ	The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 18(S2):25-34, 1999;UT 38(S2):5-11,2019

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Ingredient	Finding†	Conclusion	Citation‡
Peanut (Arachis Hypogaea) Flour	Z	Based on the available data, the CIR Expert Panel concludes that Peanut (Arachis Hypogaea) Oil, Hydrogenated Peanut Oil, Peanut Acid, and Peanut Glycerides are safe for use in cosmetic formulations. The available data are insufficient to support the safety of Peanut (Arachis Hypogaea) Flour for use in cosmetic products.	UT 20(S2):65-77, 2001
Peanut (Arachis Hypogaea) Oil	Z	safe in the present practices of use and concentration described in this safety assessment	UT 20(S2):65-77, 2001; UT 36(Suppl. 3):51-129, 2017
Peanut Acid	S		UT 20(S2):65-77, 2001;UT 36(Suppl. 3):51-129, 2017
Peanut Glycerides	S		UT 20(S2):65-77, 2001
Peanut Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Peanut Oil PEG-6 Esters...	UT 33(Suppl 4):13-39, 2014
Peanutamide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Peanutamide MEA...	UT 34(Suppl.1):18-34, 2015
Peanutamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Peanutamide MIPA...	Final Report 12/2019 Available from CIR
Pectin	S		Final Report 9/2015 Available from CIR
PEG-10	S		Final Report 6/2010 Available from CIR
PEG-10 Acrylate/Perfluorohexylethyl Acrylate Copolymer	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment.Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
PEG-10 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-10 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-10 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Cocamine...	UT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-10 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-10 Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
PEG-10 Dimethicone/Vinyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
PEG-10 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-10 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-10 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-10 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-10 Hydrogenated Castor Oil Isostearate...	UT 33(Suppl 4):13-39, 2014
PEG-10 Hydrogenated Castor Oil Triisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-10 Hydrogenated Castor Oil Triisostearate...	UT 33(Suppl 4):13-39, 2014
PEG-10 Hydrogenated Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-10 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-10 Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-10 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-10 Laurate is safe for use in cosmetics at concentrations up to 25%.	UT 19(S2):29-41, 2000
PEG-10 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-10 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Oleamine...	Final Report 6/2015 Available from CIR
PEG-10 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Olive Glycerides...	UT 39(S2):26-58,2020
PEG-10 Polydimethylsiloxyethyl Dimethicone/Bis-Vinyl Dimethicone Crosspolymer	S		Final Report 12/2014 Available from CIR
PEG-10 Propylene Glycol	S		UT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-10 Sorbitan Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-10 Sorbitan Laurate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-10 Soy Sterol	S		UT 19(S1):29-46, 2000; UT 23(Suppl. 2):23-47,2004
PEG-10 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Soyamine...	Final Report 6/2015 Available from CIR
PEG-10 Stearamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-10 Stearamide...	Final Report 06/2019 Available from CIR
PEG-10 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Stearamine...	Final Report 6/2015 Available from CIR
PEG-10 Sunflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Sunflower Glycerides...	UT 39(S2):26-58,2020
PEG-10 Tsubaki Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Tsubaki Glycerides...	UT 39(S2):26-58,2020
PEG-10/Lauryl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
PEG-100	S		Final Report 6/2010 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-100 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-100 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-100 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-100 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-100 Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-100 Stearate	S		JACT 2(7):17-34, 1983; UT 24(Suppl. 1):1-102, 2005
PEG-11 Avocado Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-11 Avocado Glycerides...	UT 39(S2):26-58,2020
PEG-11 Babassu Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-11 Babassu Glycerides...	UT 39(S2):26-58,2020
PEG-11 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-11 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-11 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyfated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-11 Cocamide...	Final Report 06/2019 Available from CIR
PEG-11 Cocoa Butter Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-11 Cocoa Butter Glycerides...	UT 39(S2):26-58,2020
PEG-11 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyfated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-11 Lauramide...	Final Report 06/2019 Available from CIR
PEG-11 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-11 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-11 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-115M	S		Final Report 6/2010 Available from CIR
PEG-12	S		Final Report 6/2010 Available from CIR
PEG-12 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-12 Cocamine...	Final Report 6/2015 Available from CIR
PEG-12 Diisostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-12 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR JACT I(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-12 Dimethicone	S		UT 33(Suppl. 2):65-115, 2014
PEG-12 Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
PEG-12 Dimethicone/Bis-Isobutyl PPG-20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
PEG-12 Dimethicone/PPG-20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
PEG-12 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-12 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-12 Ditalate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-12 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-12 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-12 Palm Kernel Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-12 Palm Kernel Glycerides...	IJT 39(S2):26-58,2020
PEG-12 Palmitamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-12 Palmitamine...	Final Report 6/2015 Available from CIR
PEG-12 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-120 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-120 Methyl Glucose Dioleate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-120 Methyl Glucose Triisostearate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-120 Methyl Glucose Trioleate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-120 Propylene Glycol Stearate	S		IJT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-13 Hydrogenated Tallow Amide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-13 Hydrogenated Tallow Amide...	Final Report 06/2019 Available from CIR
PEG-13 Mink Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-13 Mink Glycerides...	IJT 39(S2):26-58,2020
PEG-13 Sunflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-13 Sunflower Glycerides...	IJT 39(S2):26-58,2020
PEG-135	S		Final Report 6/2010 Available from CIR
PEG-14	S		Final Report 6/2010 Available from CIR
PEG-14 Avocado Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-14 Avocado Glycerides...	IJT 39(S2):26-58,2020
PEG-14 Dimethicone	S		JACT 1(4):35-54, 1982;IJT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-14 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-14 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-14M	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
PEG-15 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-15 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-15 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Cocamine...	IJT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-15 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-15 Hydrogenated Castor Oil Isostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-15 Hydrogenated Castor Oil Triisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-15 Hydrogenated Castor Oil Triisostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-15 Hydrogenated Lanolin	S		IJT 37(Suppl. 1):19-27, 2018
PEG-15 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-15 Jojoba Alcohol	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-15 Jojoba Alcohol...	IJT 31(Suppl. 2):169-244, 2012
PEG-15 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Oleamine...	Final Report 6/2015 Available from CIR
PEG-15 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Soyamine...	Final Report 6/2015 Available from CIR
PEG-15 Stearamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-15 Stearamide...	Final Report 06/2019 Available from CIR
PEG-15 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Stearamine...	Final Report 6/2015 Available from CIR
PEG-15 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-15/Lauryl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
PEG-15/Lauryl Polydimethylsiloxethyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
PEG-150	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-150 Dibehenate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-150 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-150 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-150 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-150 Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-150 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-150 Laurate is safe for use in cosmetics at concentrations up to 25%.	UT 19(S2):29-41, 2000
PEG-150 Pentaerythrityl Tetraestearate	S		Final Report 6/2014 Available from CIR
PEG-150 Stearate	S		JACT 2(7):17-34, 1983; UT 24(Suppl. 1):1-102, 2005
PEG-16	S		Final Report 6/2010 Available from CIR
PEG-16 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-16 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-16 Cetyl/Oleyl/Stearyl/Lanolin Alcohol Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-16 Cetyl/Oleyl/Stearyl/Lanolin Alcohol Ether...	UT 31(Suppl. 2):169-244, 2012
PEG-16 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-16 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-16 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-16 Macadamia Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-16 Macadamia Glycerides...	UT 39(S2):26-58, 2020
PEG-16 Soy Sterol	S		UT 19(S1):29-46, 2000; UT 23(Suppl. 2:23-47),2004
PEG-160 Sorbitan Trisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-160 Sorbitan Trisostearate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-160M	S		Final Report 6/2010 Available from CIR
PEG-17 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-175 Diisostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-175 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-18	S		Final Report 6/2010 Available from CIR
PEG-18 Castor Oil Dioleate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-18 Castor Oil Dioleate...	UT 33(Suppl 4):13-39, 2014
PEG-18 Palm Glycerides	SQ	The CIR Expert Panel concluded that the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-18 Palm Glycerides...	UT 39(S2):26-58,2020
PEG-18 Sorbitan Trioleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-18 Sorbitan Trioleate...	Final Report 6/2015 Available from CIR
PEG-180	S		Final Report 6/2010 Available from CIR
PEG-180M	S		Final Report 6/2010 Available from CIR
PEG-190 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-192 Apricot Kernel Glycerides	SQ	The CIR Expert Panel concluded that the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-192 Apricot Kernel Glycerides...	UT 39(S2):26-58,2020
PEG-2 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-2 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-2 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-2 Cocamide...	Final Report 06/2019 Available from CIR
PEG-2 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Cocamine...	UT 18(S1):43-50, 1999; Final Report 6/2015 Available from CIR
PEG-2 Diisononanoate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-2 Dilisostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-2 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-2 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-2 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-2 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-2 Hydrogenated Castor Oil...	IUT 33(Suppl 4):13-39, 2014
PEG-2 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-2 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-2 Lauramide...	Final Report 06/2019 Available from CIR
PEG-2 Lauramine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Lauramine...	Final Report 6/2015 Available from CIR
PEG-2 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-2 Laurate is safe for use in cosmetics at concentrations up to 25%.	IUT 19(S2):29-41, 2000
PEG-2 Laurate SE	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-2 Laurate SE is safe for use in cosmetics at concentrations up to 25%.	IUT 19(S2):29-41, 2000
PEG-2 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Oleamine...	Final Report 6/2015 Available from CIR
PEG-2 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Olive Glycerides...	IUT 39(S2):26-58,2020
PEG-2 Rapeseedamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Rapeseedamine...	Final Report 6/2015 Available from CIR
PEG-2 Sorbitan Isostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-2 Sorbitan Isostearate...	IUT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-2 Sorbitan Trioleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-2 Sorbitan Trioleate...	Final Report 6/2015 Available from CIR
PEG-2 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Soyamine...	Final Report 6/2015 Available from CIR
PEG-2 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Stearamine...	Final Report 6/2015 Available from CIR
PEG-2 Stearate	S	JACT 2(7):17-34, 1983; IUT 24(Suppl. 1):1-102, 2005	
PEG-2 Sunflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Sunflower Glycerides...	IUT 39(S2):26-58,2020
PEG-2 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-2 Tallowamide DEA	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-2 Tallowamide DEA...	Final Report 06/2019 Available from CIR
PEG-20	S	Final Report 6/2010 Available from CIR	
PEG-20 Almond Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Almond Glycerides...	IUT 39(S2):26-58,2020
PEG-20 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Castor Oil...	IUT 33(Suppl 4):13-39, 2014
PEG-20 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-20 Cocamide...	Final Report 06/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-20 Cocamide MEA	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-20 Cocamide MEA...	Final Report 06/2019 Available from CIR
PEG-20 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Cocamine...	IJT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-20 Corn Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Corn Glycerides...	IJT 39(S2):26-58,2020
PEG-20 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-20 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-20 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-20 Evening Primrose Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Evening Primrose Glycerides...	IJT 39(S2):26-58,2020
PEG-20 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil Isostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil Laurate...	IJT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Castor Oil PCA Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil PCA Isostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Castor Oil Trisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil Trisostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-20 Hydrogenated Palm Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Hydrogenated Palm Glycerides...	IJT 39(S2):26-58,2020
PEG-20 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-20 Lanolin	S		JACT 1(4):91-102, 1982; IJT 37(Suppl. 1):19-27, 2018
PEG-20 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ...PEG-20 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-20 Methyl Glucose Distearate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-20 Methyl Glucose Sesquicaprylate/Sesquicaprate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-20 Methyl Glucose Sesquilaurate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-20 Methyl Glucose Sesquistearate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-20 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Oleamine...	Final Report 6/2015 Available from CIR
PEG-20 Sorbitan Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Beeswax...	IJT 20(suppl 4):27-38, 2001;Final Report 6/2015 Available from CIR
PEG-20 Sorbitan Cocoate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Cocoate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-20 Sorbitan Isostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Isostearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-20 Sorbitan Oleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Oleate...	Final Report 6/2015 Available from CIR
PEG-20 Sorbitan Triisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Triisostearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-20 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-20 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-20 Tsubakiate Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Tsubakiate Glycerides...	IJT 39(S2):26-58,2020
PEG-200	S		Final Report 6/2010 Available from CIR
PEG-200 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-200 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-200 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-200 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-200 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-200 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-20M	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
PEG-22 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-22 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-220	S		Final Report 6/2010 Available from CIR
PEG-23M	S		Final Report 6/2010 Available from CIR
PEG-24 Hydrogenated Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-24 Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-240	S		Final Report 6/2010 Available from CIR
PEG-240/HDI Copolymer Bis-Decyltetradeceth-20 Ether	S		Final Report 06/2016 available from CIR
PEG-25 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-25 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-25 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-25 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-25 Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-25 Moringa Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-25 Moringa Glycerides...	IJT 39(S2):26-58,2020
PEG-25 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-25 Oleamine...	IJT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-25 Propylene Glycol Stearate	S		IJT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-25 Soy Sterol	S		IJT 19(S1):29-46, 2000; IJT 23(Suppl. 2):23-47,2004
PEG-25 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-25 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-250 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-2 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR Final Report 6/2010 Available from CIR
PEG-25M	S		
PEG-26 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-26 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-26 Jojoba Alcohol	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-26 Jojoba Alcohol...	IJT 31(Suppl. 2):169-244, 2012
PEG-27 Lanolin	S		JACT 1(4):91-102, 1982; IJT 37(Suppl. 1):19-27, 2018
PEG-29 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-29 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-2M	S		Final Report 6/2010 Available from CIR
PEG-3 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-3 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-3 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-3 Cocamide...	Final Report 06/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-3 Cocamide DEA	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-3 Cocamide DEA...	Final Report 06/2019 Available from CIR
PEG-3 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-3 Cocamine...	IJT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-3 Dicaprylate/Caprate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-3 Diisostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-3 Dimethicone	S		JACT 1(4):35-54, 1982;IJT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-3 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-3 Dipalmitate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-3 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-3 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-3 Glyceryl Cocoate...	IJT 39(S2):26-58,2020
PEG-3 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-3 Lauramide...	Final Report 06/2019 Available from CIR
PEG-3 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-3 Methyl Ether...	IJT 31(Suppl. 2):169-244, 2012
PEG-3 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-3 Oleamide...	Final Report 06/2019 Available from CIR
PEG-3 Sorbitan Oleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-3 Sorbitan Oleate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-3 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-3 Sorbitan Stearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-3 Sorbitan Tristearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-3 Sorbitan Tristearate...	Final Report 6/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-30 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Castor Oil...	UT 16(Suppl.3):269-306, 1997; UT 33(Suppl.4):13-39, 2014
PEG-30 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-30 Glyceryl Cocoate...	UT 18(S1):33-42, 1999; UT 39(S2):26-58,2020
PEG-30 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil...	UT 16(Suppl.3):269-306, 1997; UT 33(Suppl.4):13-39, 2014
PEG-30 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil Isostearate...	UT 33(Suppl.4):13-39, 2014
PEG-30 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil Laurate...	UT 33(Suppl.4):13-39, 2014
PEG-30 Hydrogenated Castor Oil PCA Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil PCA Isostearate...	UT 33(Suppl.4):13-39, 2014
PEG-30 Hydrogenated Castor Oil Triisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil Triisostearate...	UT 33(Suppl.4):13-39, 2014
PEG-30 Hydrogenated Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-30 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-30 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-30 Lanolin	S		JACT 1(4):91-102, 1982; UT 37(Suppl. 1):19-27, 2018
PEG-30 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-30 Oleamine...	UT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-30 sorbitan beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-30 sorbitan beeswax...	Final Report 06/16/2015 available from CIR
PEG-30 Sorbitan Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-30 Sorbitan Tetraoleate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-30 Sorbitol Tetraoleate Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-30 Sorbitol Tetraoleate Laurate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-30 Soy Sterol	S		UT 19(S1):29-46, 2000; UT 23(Suppl. 2):23-47,2004
PEG-30 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-30 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-32	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
PEG-32 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-32 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-32 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-32 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-32 Laurate is safe for use in cosmetics at concentrations up to 25%.	UT 19(S2):29-41, 2000
PEG-32 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-32 Stearate	S		JACT 2(7):17-34, 1983; UT 24(Suppl. 1):1-102, 2005
PEG-33	S		Final Report 6/2010 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-33 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-33 Castor Oil...	UT 16(Suppl.3):269-306, 1997; UT 33(Suppl.4):13-39, 2014
PEG-35 Almond Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-35 Almond Glycerides...	UT 39(S2):26-58,2020
PEG-35 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-35 Castor Oil...	UT 16(Suppl.3):269-306, 1997; UT 33(Suppl.4):13-39, 2014
PEG-35 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-35 Hydrogenated Castor Oil...	UT 33(Suppl.4):13-39, 2014
PEG-35 Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-35 Soy Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-35 Soy Glycerides...	UT 39(S2):26-58,2020
PEG-350	S		Final Report 6/2010 Available from CIR
PEG-36 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-36 Castor Oil...	UT 16(Suppl.3):269-306, 1997; UT 33(Suppl.4):13-39, 2014
PEG-4	S		UT 25(2):121-138, 2006;Final Report 6/2010 Available from CIR
PEG-4 Caprylic/Capric Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-4 Caprylic/Capric Glycerides...	UT 39(S2):26-58,2020
PEG-4 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-4 Castor Oil...	UT 33(Suppl.4):13-39, 2014
PEG-4 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-4 Cocamide...	Final Report 06/2019 Available from CIR
PEG-4 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-4 Cocamine...	Final Report 6/2015 Available from CIR
PEG-4 Dicoate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Diheptanoate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Disostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Dimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that...PEG-4 Dimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl.5):53-100, 2005

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Ingredient	Finding†	Conclusion	Citation‡
PEG-4 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Distearyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-4 Distearyl Ether...	IUT 31(Suppl. 2):169-244, 2012
PEG-4 Ditallow Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-4 Ditallow Ether...	IUT 31(Suppl. 2):169-244, 2012
PEG-4 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-4 Laurate is safe for use in cosmetics at concentrations up to 25%.	IUT 19(S2):29-41, 2000
PEG-4 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-4 Methyl Ether...	IUT 31(Suppl. 2):169-244, 2012
PEG-4 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyfated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-4 Oleamide...	Final Report 06/2019 Available from CIR
PEG-4 PEG-12 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-4 Rapeseedamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyfated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-4 Rapeseedamide...	Final Report 06/2019 Available from CIR
PEG-4 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-4 Sorbitan Stearate...	Final Report 6/2015 Available from CIR
PEG-4 Sorbitan Triisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-4 Sorbitan Triisostearate...	Final Report 6/2015 Available from CIR
PEG-4 Stearamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyfated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-4 Stearamide...	Final Report 06/2019 Available from CIR
PEG-4 PPG-7 C13/C15 Alcohol	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG-4 PPG-7 C13/C15 Alcohol...	IUT 35(Suppl. 1):60-89, 2016
PEG-40	S		Final Report 6/2010 Available from CIR
PEG-40 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Castor Oil...	IUT 16(Suppl.3):269-306, 1997; IUT 33(Suppl.4):13-39, 2014
PEG-40 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-40 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-40 Glyceryl Cocoate...	IUT 18(S1):33-42, 1999; IUT 39(S2):26-58, 2020
PEG-40 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil...	IUT 16(Suppl.3):269-306, 1997; IUT 33(Suppl.4):13-39, 2014
PEG-40 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil Isostearate...	IUT 33(Suppl.4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
PEG-40 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil Laurate...	UT 33(Suppl 4):13-39, 2014
PEG-40 Hydrogenated Castor Oil PCA Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil PCA Isostearate...	UT 33(Suppl 4):13-39, 2014
PEG-40 Hydrogenated Castor Oil Triisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil Triisostearate...	UT 33(Suppl 4):13-39, 2014
PEG-40 Hydrogenated Lanolin	S		UT 37(Suppl. 1):19-27, 2018
PEG-40 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-40 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-40 Jojoba Alcohol	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-40 Jojoba Alcohol...	UT 31(Suppl. 2):169-244, 2012
PEG-40 Lanolin	S		JACT 1(4):91-102, 1982; UT 37(Suppl. 1):19-27, 2018
PEG-40 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-40 Methyl Ether...	UT 31(Suppl. 2):169-244, 2012
PEG-40 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-40 Olive Glycerides...	UT 39(S2):26-58,2020
PEG-40 Sorbitan Diisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Diisostearate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Lanolate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Lanolate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Laurate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Oleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Oleate...	Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Perisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Perisostearate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Peroleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Peroleate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Stearate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Tetraoleate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitol Hexaoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitol Hexaoleate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Soy Sterol	S		UT 19(S1):29-46, 2000; UT 23(Suppl. 2):23-47,2004
PEG-40 Stearate	S		JACT 2(7):17-34, 1983; UT 24(Suppl. 1):1-102, 2005
PEG-400	S		Final Report 6/2010 Available from CIR
PEG-42 Babassu Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-42 Babassu Glycerides...	UT 39(S2):26-58,2020
PEG-42 Mushroom Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-42 Mushroom Glycerides...	UT 39(S2):26-58,2020
PEG-44 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-44 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-44 Sorbitan Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-44 Sorbitan Laurate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-45	S		Final Report 6/2010 Available from CIR
PEG-45 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-45 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-45 Palm Kernel Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-45 Palm Kernel Glycerides...	Final Report 12/2014 Available from CIR
PEG-45 Safflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-45 Safflower Glycerides...	Final Report 12/2014 Available from CIR
PEG-450	S		Final Report 6/2010 Available from CIR
PEG-45M	S		Final Report 6/2010 Available from CIR
PEG-5 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-5 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-5 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Cocamide...	Final Report 06/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-5 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Cocamine...	UT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-5 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-5 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-5 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-5 Hydrogenated Castor Oil Isostearate...	UT 33(Suppl 4):13-39, 2014
PEG-5 Hydrogenated Castor Oil Trisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-5 Hydrogenated Castor Oil Trisostearate...	UT 33(Suppl 4):13-39, 2014
PEG-5 Hydrogenated Corn Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Hydrogenated Corn Glycerides...	Final Report 12/2014 Available from CIR
PEG-5 Hydrogenated Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-5 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-5 Isononanoate	S		Final Report 3/2015 Available from CIR
PEG-5 Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-5 Lanolinamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Lanolinamide...	Final Report 06/2019 Available from CIR
PEG-5 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Lauramide...	Final Report 06/2019 Available from CIR
PEG-5 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Oleamide...	Final Report 06/2019 Available from CIR
PEG-5 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Oleamine...	Final Report 6/2015 Available from CIR
PEG-5 Sorbitan Isostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-5 Sorbitan Isostearate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-5 Soy Sterol	S		UT 19(S1):29-46, 2000; UT 23(Suppl. 2):23-47,2004
PEG-5 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Soyamine...	Final Report 6/2015 Available from CIR
PEG-5 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Stearamine...	Final Report 6/2015 Available from CIR
PEG-5 Tallow Amide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Tallow Amide...	Final Report 06/2019 Available from CIR
PEG-5 Tsubakiate Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Tsubakiate Glycerides...	Final Report 12/2014 Available from CIR
PEG-50 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-50 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellulosic octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 03/17/15 available from CIR
PEG-50 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil Isostearate...	UT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil Laurate...	UT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Castor Oil Succinate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil Succinate...	UT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Castor Oil Trisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil Trisostearate...	UT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Palmamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-50 Hydrogenated Palmamide...	Final Report 06/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-50 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-50 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-50 Lanolin	S		JACT 1(4):91-102, 1982; IJT 7(Suppl. 1):19-27, 2018
PEG-50 Sorbitol Hexaoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-50 Sorbitol Hexaoleate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-50 Stearamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-50 Stearamide...	Final Report 06/2019 Available from CIR
PEG-50 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-50 Stearamine...	Final Report 6/2015 Available from CIR
PEG-50 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-50 Tallow Amide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-50 Tallow Amide...	Final Report 06/2019 Available from CIR
PEG-500	S		Final Report 6/2010 Available from CIR
PEG-54 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-54 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-54 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-54 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-55	S		Final Report 6/2010 Available from CIR
PEG-55 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-55 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-55 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-55 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-55 Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-55 Propylene Glycol Oleate	S		IJT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-58 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-58 Hydrogenated Castor Oil Isostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-5M	S		Final Report 6/2010 Available from CIR
PEG-6	S		IJT 25(2):121-138, 2006;Final Report 6/2010 Available from CIR
PEG-6 Almond Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Almond Glycerides...	Final Report 12/2014 Available from CIR
PEG-6 Caprylic/Capric Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Caprylic/Capric Glycerides...	Final Report 12/2014 Available from CIR
PEG-6 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-6 Cocamide...	Final Report 06/2019 Available from CIR
PEG-6 Disostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-6 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-6 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-6 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-6 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-6 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-6 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-6 Hydrogenated Palm/Palm Kernel Glyceride	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Hydrogenated Palm/Palm Kernel Glyceride...	Final Report 12/2014 Available from CIR
PEG-6 Hydrogenated Palmamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-6 Hydrogenated Palmamide...	Final Report 06/2019 Available from CIR
PEG-6 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-6 Lauramide...	Final Report 06/2019 Available from CIR
PEG-6 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-6 Laurate is safe for use in cosmetics at concentrations up to 25%.	UT 19(S2):29-41, 2000
PEG-6 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-6 Methyl Ether...	UT 31(Suppl. 2):169-244, 2012
PEG-6 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-6 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-6 Oleamide...	Final Report 06/2019 Available from CIR
PEG-6 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Oleamine...	Final Report 6/2015 Available from CIR
PEG-6 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Olive Glycerides...	Final Report 12/2014 Available from CIR
PEG-6 Propylene Glycol Caprylate/Caprates	S		Final Report 12/2016 Available from CIR
PEG-6 Sorbitan Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-6 Sorbitan Beeswax...	UT 20(suppl 4):27-38, 2001;Final Report 6/2015 Available from CIR
PEG-6 Sorbitan Oleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-6 Sorbitan Oleate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-6 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-6 Sorbitan Stearate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-6 Stearate	S		IACT 2(7):17-34, 1983; UT 24(Suppl. 1):1-102, 2005
PEG-60	S		Final Report 6/2010 Available from CIR
PEG-60 Almond Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Almond Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-60 Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Castor Oil Isostearate...	UT 33(Suppl 4):13-39, 2014
PEG-60 Corn Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Corn Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Evening Primrose Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Evening Primrose Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-60 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Hydrogenated Castor Oil Laurate...	UT 33(Suppl 4):13-39, 2014
PEG-60 Hydrogenated Castor Oil PCA Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Hydrogenated Castor Oil PCA Isostearate...	UT 33(Suppl 4):13-39, 2014
PEG-60 Hydrogenated Castor Oil Trisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Hydrogenated Castor Oil Trisostearate...	UT 33(Suppl 4):13-39, 2014
PEG-60 Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-60 Passiflora Edulis Seed Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Passiflora Edulis Seed Glycerides...	Final Report 12/2014 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-60 Passiflora Incarnata Seed Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Passiflora Incarnata Seed Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Shea Butter Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Shea Butter Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-60 Sorbitan Stearate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-60 Sorbitan Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-60 Sorbitan Tetraoleate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-60 Sorbitan Tetrastearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-60 Sorbitan Tetrastearate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-60 Sorbitol Tetrastearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-60 Sorbitol Tetrastearate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-60 Tsubakiate Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Tsubakiate Glycerides...	Final Report 12/2014 Available from CIR
PEG-65 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-65 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-65M	S		Final Report 6/2010 Available from CIR
PEG-7	S		Final Report 6/2010 Available from CIR
PEG-7 Caprylic/Capric Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Caprylic/Capric Glycerides...	Final Report 12/2014 Available from CIR
PEG-7 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-7 Cocamide...	Final Report 06/2019 Available from CIR
PEG-7 Cocoglycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Cocoglycerides...	Final Report 12/2014 Available from CIR
PEG-7 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-7 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Glyceryl Cocoate...	UT 18(S1):33-42, 1999;Final Report 12/2014 Available from CIR
PEG-7 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-7 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-7 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-7 Methyl Ether...	UT 31(Suppl. 2):169-244, 2012
PEG-7 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-7 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-7 Oleamide...	Final Report 06/2019 Available from CIR
PEG-7 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Olive Glycerides...	Final Report 12/2014 Available from CIR
PEG-7 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-7 Propylheptyl Ether...	UT 31(Suppl. 2):169-244, 2012
PEG-7 Sunflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Sunflower Glycerides...	Final Report 12/2014 Available from CIR
PEG-7 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-7/PPG-2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG-7/PPG-2 Propylheptyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG-70 Hydrogenated Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-70 Lanolin	S		UT 37(Suppl. 1):19-27, 2018
PEG-70 Mango Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-70 Mango Glycerides...	Final Report 12/2014 Available from CIR
PEG-75	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
PEG-75 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-75 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-75 Cocoa Butter Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-75 Cocoa Butter Glycerides...	Final Report 12/2014 Available from CIR
PEG-75 Crambe Abyssinica Seed Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-75 Crambe Abyssinica Seed Oil...	UT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
PEG-75 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-75 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-75 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-75 Lanolin	S		JACT 1(4):91-102, 1982; IJT 37(Suppl. 1):19-27, 2018
PEG-75 Lanolin Oil	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-75 Lanolin Wax	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-75 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-75 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-75 Meadowfoam Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-75 Meadowfoam Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-75 Propylene Glycol Stearate	S		IJT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-75 Shea Butter Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-75 Shea Butter Glycerides...	Final Report 12/2014 Available from CIR
PEG-75 Shorea Butter Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-75 Shorea Butter Glycerides...	Final Report 12/2014 Available from CIR
PEG-75 Sorbitan Lanolate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-75 Sorbitan Lanolate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-75 Sorbitan Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-75 Sorbitan Laurate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-75 Soy Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-75 Soy Glycerides...	Final Report 12/2014 Available from CIR
PEG-78 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-78 Glyceryl Cocoate...	IJT 18(S1):33-42, 1999;Final Report 12/2014 Available from CIR
PEG-7M	S		Final Report 6/2010 Available from CIR
PEG-8	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
PEG-8 Caprylic/Capric Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Caprylic/Capric Glycerides...	Final Report 12/2014 Available from CIR
PEG-8 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-8 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-8 Cetyl Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-8 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Cocamine...	Final Report 6/2015 Available from CIR
PEG-8 Dicoate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-8 Disostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-8 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-8 Dimethicone	S		JACT 1(4):35-54, 1982;JIT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-8 Dimethicone Dimer Dilinoleate	S		Final Report 12/2014 Available from CIR
PEG-8 Dimethicone/Dimer Dilinoleic Acid Copolymer	S		Final Report 12/2014 Available from CIR
PEG-8 Dimethicone/Polysorbate 20 Crosspolymer	S		JIT 33(Suppl. 2):65-115, 2014
PEG-8 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-8 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-8 Ditallate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-8 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-8 Hydrogenated Castor Oil...	JIT 33(Suppl 4):13-39, 2014
PEG-8 Hydrogenated Fish Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Hydrogenated Fish Glycerides...	Final Report 12/2014 Available from CIR
PEG-8 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-8 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-8 Laurate is safe for use in cosmetics at concentrations up to 25%.	JIT 19(S2):29-41, 2000
PEG-8 Methicone	S		Final Report 12/2014 Available from CIR
PEG-8 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-8 PEG-4 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-8 PPG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-8 Propylene Glycol Cocoate	S		JIT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-8 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-8 Propylheptyl Ether...	JIT 31(Suppl. 2):169-244, 2012
PEG-8 Sorbitan Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-8 Sorbitan Beeswax...	JIT 20(suppl 4):27-38, 2001;Final Report 6/2015 Available from CIR
PEG-8 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Soyamine...	Final Report 6/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-8 Stearate	S	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-8 Tallow Amide...	JACT 2(7):17-34, 1983; UT 24(Suppl. 1):1-102, 2005
PEG-8 Tallow Amide	SQ		Final Report 06/2019 Available from CIR
PEG-80	S		Final Report 6/2010 Available from CIR
PEG-80 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-80 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-80 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-80 Glyceryl Cocoate...	UT 18(S1):33-42, 1999;Final Report 12/2014 Available from CIR
PEG-80 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-80 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-80 Methyl Glucose Laurate	S		UT 35(Suppl. 2):12-40, 2016
PEG-80 Sorbitan Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-80 Sorbitan Laurate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-80 Sorbitan Palmitate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-80 Sorbitan Palmitate...	UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-800	S		Final Report 6/2010 Available from CIR
PEG-85 Lanolin	S		JACT 1(4):91-102, 1982; UT 37(Suppl. 1):19-27, 2018
PEG-9	S		Final Report 6/2010 Available from CIR
PEG-9 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-9 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-9 Cocoglycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-9 Cocoglycerides...	Final Report 12/2014 Available from CIR
PEG-9 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-9 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-9 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-9 Laurate is safe for use in cosmetics at concentrations up to 25%.	UT 19(S2):29-41, 2000
PEG-9 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-9 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-9 Oleamide...	Final Report 06/2019 Available from CIR
PEG-9 Polydimethylsiloxethyl Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-90	S		Final Report 6/2010 Available from CIR
PEG-90 Disostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-90M	S		Final Report 6/2010 Available from CIR
PEG-9M	S		Final Report 6/2010 Available from CIR
PEG-Cetyl Stearyl Diether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-Cetyl Stearyl Diether...	UT 31(Suppl. 2):169-244, 2012
PEG/PPG-10/2 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-10/2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-10/2 Propylheptyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-10/3 Oleyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-12/16 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-12/18 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-14/2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-14/2 Propylheptyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-14/4 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-14/7 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-14/7 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-15/15 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-15/5 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-16/2 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-16/8 Dimethicone	S		Final Report 12/2014 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Pelvetia Siliquosa Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Pentaerythritol Rosinate	UNS	The CIR Expert Panel concludes that the data available on Pentaerythrityl Rosinate are insufficient to support the safety of this ingredient as used in cosmetic products.	JACT 13(5):395-399, 1994; IJT 17(54):83-94, 1998
Pentaerythrityl Cocoate	S		IJT 30(Suppl. 1):5-16, 2011
Pentaerythrityl Tetra C5-10 Acid Esters	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetra C5-9 Acid Esters	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinamate	S		Final Report 3/2014 Available from CIR
Pentaerythrityl Tetrabenenate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetrabenenate/Benzoate/Ethylhexanoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetrabenzoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetracaprylate/Tetracaprate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetracocoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraethylhexanoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraethylhexanoate/Benzoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraisononanoate	S		IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraisostearate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetralaurate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetramyristate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraoleate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetrapelargonate	S		IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetrastearate	S		IJT 34(Suppl. 2):99-112, 2015
Pentapotassium Triphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Pentapotassium Triphosphate...	IJT 40(S1):34-85;2021
Pentasodium Triphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Pentasodium Triphosphate...	IJT 40(S1):34-85;2021
Pentetic Acid	S		IJT 27(Suppl. 2):71-92, 2008
Pentylene Glycol	S		IJT 31(Suppl. 2):147-168, 2012
Perfluorononyl Dimethicone/Methicone/Amodimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Perilla Ocymoides Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Persea Gratissima (Avocado) Butter	S		IJT 36(Suppl. 3):51-129, 2017
Persea Gratissima (Avocado) Oil	S		JEPT 4(4):93-103, 1980;IJT 22(Suppl. 1):1-35, 2003;IJT 36(Suppl. 3):51-129, 2017
Persea Gratissima (Avocado) Oil Unsononifiables	S		IJT 36(Suppl. 3):51-129, 2017
Persea Gratissima (Avocado) Sterols	S		Final Report 12/2013 Available from CIR
Petroleum Distillates	S		JACT 5(3):225-248, 1986; IJT 27(Suppl. 1):77-142, 2008
Phaseolus Angularis Seed Starch	S		Final Report 9/2015 Available from CIR
Phaseolus Radiatus Seed Starch	S		Final Report 9/2015 Available from CIR
Phenethyl Alcohol	SQ	On the basis of the available data, the Expert Panel concludes that Phenethyl Alcohol is safe in cosmetic products in the present practices of use at concentrations of up to 1%.	JACT 9(2):165-183, 1990; IJT 27(Suppl. 1):77-142, 2008
Phenoxyethanol	S		JACT 9(2):259-277, 1990;IJT 30(Suppl. 2):73-127, 2011
Phenyl Methyl Pyrazolone	S		JACT 11(4):475-488, 1992; IJT 30(Suppl. 2):73-127, 2011
Phenyl Trimethicone	S		JACT 5(5):353-371, 1986; IJT 25(Suppl. 2) :1-89,2006
Phenylalanine	S		IJT 32(Suppl. 4):41-64, 2013
Phloroglucinol	Z	On the basis of the available data, the CIR Panel cannot conclude that Phloroglucinol is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 14(6):468-475, 1995
Phosphate Buffered Saline	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Phosphate Buffered Saline...	IJT 40(S1):34-85;2021
Phosphatic Acid	S		IJT 39(S2):5-25,2020
Phosphatidylcholine	S		IJT 39(S2):5-25,2020
Phosphatidylglycerol	S		IJT 39(S2):5-25,2020
Phosphatidylinositol	S		IJT 39(S2):5-25,2020
Phosphatidylserine	S		IJT 39(S2):5-25,2020
Phospholipids	S		IJT 39(S2):5-25,2020
Phosphoric Acid	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Phosphoric Acid...	IJT 40(S1):34-85;2021
Phthalic Anhydride/Trimellitic Anhydride/Glycols Copolymer	SQ, I	The CIR Expert Panel concluded that ...Phthalic Anhydride/Trimellitic Anhydride/Glycols Copolymer is safe in nail product formulations in the present practices of use and concentration described in this safety assessment; the data are insufficient to make a determination of safety on the use of these ingredients in all other types of cosmetic formulations.	IJT 39(S3):74-92,2020
Phyllanthus Fibrosa Extract	S		Final Report 09/2019 Available from CIR
Phymatolithon Calcareum Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Phymatolithon Calcareum Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Phytantriol	S		IJT 26(Suppl. 1):107-117, 2007
Phytic Acid	S		Final Report 10/2018 Available from CIR
Phytin	S		Final Report 10/2018 Available from CIR
Phytosterols	S		Final Report 12/2013 Available from CIR
Phytosteryl Butyrate	S		Final Report 12/2013 Available from CIR
Phytosteryl Canolate	S		Final Report 12/2013 Available from CIR
Phytosteryl Caprylate/Caprates	S		Final Report 12/2013 Available from CIR
Phytosteryl Hydroxystearate	S		Final Report 12/2013 Available from CIR
Phytosteryl Isostearate	S		Final Report 12/2013 Available from CIR
Phytosteryl Linoleate	S		Final Report 12/2013 Available from CIR
Phytosteryl Linoleate/Linolenate	S		Final Report 12/2013 Available from CIR
Phytosteryl Macadamiate	S		Final Report 12/2013 Available from CIR
Phytosteryl Nonanoate	S		IJT 30(Suppl. 3):228-269, 2011;Final Report 12/2013 Available from CIR
Phytosteryl Oleate	S		Final Report 12/2013 Available from CIR
Phytosteryl Rice Branate	S		Final Report 12/2013 Available from CIR
Phytosteryl Ricinoleate	S		Final Report 12/2013 Available from CIR
Phytosteryl Sunflowerseedate	S		Final Report 12/2013 Available from CIR
Picramic Acid	S		IJT 28(Suppl. 3):205-216, 2009
Pinus Sibirica Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Pinus Sibirica Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Piper Methysticum Extract	UNS	The CIR Expert Panel concluded that the available data are insufficient to support the safety of Piper Methysticum Leaf/Root/Stem Extract and Piper Methysticum Root Extract.	IJT 28(Suppl.2):175-188, 2009
Piper Methysticum Leaf/Root/Stem Extract	UNS	The CIR Expert Panel concluded that the available data are insufficient to support the safety of Piper Methysticum Leaf/Root/Stem Extract and Piper Methysticum Root Extract.	IJT 28(Suppl.2):175-188, 2009
Piper Methysticum Root Extract	Z	The CIR Expert Panel concluded that the available data are insufficient to support the safety of Piper Methysticum Leaf/Root/Stem Extract and Piper Methysticum Root Extract.	IJT 28(Suppl.2):175-188, 2009
Pistacia Vera Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Pisum Sativum (Pea) Protein	S		Final Report 9/2017 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Pisum Sativum (Pea) Starch	S		Final Report 9/2015 Available from CIR
Placental Enzymes	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	UT 21(Suppl 1):81-91, 2002
Placental Lipids	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	UT 21(Suppl 1):81-91, 2002
Placental Protein	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	UT 21(Suppl 1):81-91, 2002
Plukenetia Volubilis Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Pollianthes Tuberosa Polysaccharide	S		Final Report 9/2015 Available from CIR
Poloxamer 101	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 105	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 105 Benzoate	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 108	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 122	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 123	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 124	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 181	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 182	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 182 Dibenzoate	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 183	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 184	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 185	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 188	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 212	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 215	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 217	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 231	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 234	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 235	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 237	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 238	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 282	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 284	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 288	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 331	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 333	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 334	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 335	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 338	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 401	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 402	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 403	S		UT 27(Suppl. 2):93-128, 2008
Poloxamer 407	S		UT 27(Suppl. 2):93-128, 2008
Poly C10-30 Alkyl Acrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Poly C10-30 Alkyl Acrylate...	Final Report 12/2018 Available from CIR
Poly(C20-28 Olefin)	S		UT 39(S2):59-90,2020
Poly(C30-45 Olefin)	S		UT 39(S2):59-90,2020
Poly(C4-12 Olefin)	S		UT 39(S2):59-90,2020
Poly(C6-14 Olefin)	S		UT 39(S2):59-90,2020
Poly(Methoxy PEG-9 Methacrylate)	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Poly(Methoxy PEG-9 Methacrylate)...	Final Report 12/2018 Available from CIR
Polyacrylamide	SQ	The CIR Expert Panel concluded that Polyacrylamide is safe as a cosmetic ingredient in the practices of use and concentrations described in this safety assessment, if the level of acrylamide monomer in formulation is not greater than 5 ppm.	JACT 10(1):193-203, 1991; IJT 24(Suppl. 2):21-50, 2005
Polyacrylate-1 Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylate-1 Crosspolymer...	Final Report 12/2018 Available from CIR
Polyacrylate-12	S		Final Report 9/2014 Available from CIR
Polyacrylate-14	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylate-14...	Final Report 12/2018 Available from CIR
Polyacrylate-15	S		Final Report 9/2014 Available from CIR
Polyacrylate-16	S		Final Report 9/2014 Available from CIR
Polyacrylate-18	S		Final Report 9/2014 Available from CIR
Polyacrylate-2	S		Final Report 9/2014 Available from CIR
Polyacrylate-21	S		Final Report 9/2014 Available from CIR
Polyacrylate-29	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylate-29...	Final Report 12/2018 Available from CIR
Polyacrylate-30	S		Final Report 9/2014 Available from CIR
Polyacrylate-34	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylate-34...	Final Report 12/2018 Available from CIR
Polyacrylate-5	S		Final Report 9/2014 Available from CIR
Polyacrylic Acid	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylic Acid...	UT 21(Suppl 3):1-50, 2002; Final Report 12/2018 Available from CIR
Polyamino Sugar Condensate	S		JACT 1(4):35-54, 1982 ; IJT 24(Suppl. 1):1-102, 2005
Polyaminopropyl Biguanide	SQ;I	when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies; the data are insufficient to determine the safety of in products that may be inhaled	UT 39(S3):26-73,2020
Polybutene	S		JACT 1(4):103-118, 1982; IJT 24(Suppl. 1):1-102, 2005; IJT 39(S2):59-90,2020

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Ingredient	Finding†	Conclusion	Citation‡
Polyglyceryl-6 Schinziophyton Rautanenii Kernelate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Schinziophyton Rautanenii Kernelate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Sclerocarya Birrea Seedate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Sclerocarya Birrea Seedate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Sesquicaprylate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Sesquicaprylate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Sesquistearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Sesquistearate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Sesquistearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Sesquistearate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Stearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Stearate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Tetrabehenate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Tetrabehenate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Tetracaprylate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Tetracaprylate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Tetraoleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Tetraoleate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Tricaprylate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Tricaprylate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Trichillia Emetica Seedate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Trichillia Emetica Seedate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Tristearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Tristearate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Undecylenate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Undecylenate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Ximenia Americana Seedate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-6 Ximenia Americana Seedate...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 C12-20 Acid Ester	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-8 C12-20 Acid Ester...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 Decabehenate/Caprate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-8 Decabehenate/Caprate...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 Decaerucate/Decaisostearate/Decaricinole	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-8 Decaerucate/Decaisostearate/Decaricinole...	Final Report 09/27/16 available from CIR
Polyglyceryl-8 Decaerucate/Decaisostearate/Decaricinoleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-8 Decaerucate/Decaisostearate/Decaricinoleate...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 Oleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-8 Oleate...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 Stearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Polyglyceryl-8 Stearate...	Final Report 9/2016 Available from CIR
Polyhydroxyethylmethacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyhydroxyethylmethacrylate...	Final Report 12/2018 Available from CIR
Polysobutene	S		IUT 27 (Suppl. 4):83-106, 2008; IUT 39(S2):59-90, 2020
Polysobutyl Methacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polysobutyl Methacrylate...	Final Report 12/2018 Available from CIR
Polysoprene	S		IUT 39(S2):59-90, 2020
Polymethyl Acrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polymethyl Acrylate...	Final Report 12/2018 Available from CIR
Polymethyl Methacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polymethyl Methacrylate...	IUT 30(Suppl 1):545-655, 2011; Final Report 12/2018 Available from CIR
Polymethylsilsesquioxane	S		Final Report 12/2017 Available from CIR
Polymethylsilsesquioxane/Trimethylsiloxyisilicate	S		Final Report 12/2017 Available from CIR
Polyoxymethylene Melamine	Z	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude whether Melamine/Formaldehyde Resin is safe for use in cosmetic products until such time that the appropriate safety data have been obtained and evaluated.	JACT 14(5):373-385, 1995
Polyoxymethylene Urea	SQ	On the basis of the animal, clinical, and use data presented in this report, the CIR Expert Panel concludes that Polyoxymethylene Urea is safe for use as a cosmetic ingredient. Cosmetics containing Polyoxymethylene Urea should be formulated to ensure that concentrations of free formaldehyde not exceed 0.2%. It cannot be concluded that Polyoxymethylene Urea is safe for use in cosmetic products intended to be aerosolized.	JACT 14(3):204-220, 1995; IUT 30(Suppl. 2):73-127, 2011
Polypentaerythrityl Terephthalate	S		IUT 33(Suppl. 3):36-47, 2014

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Ingredient	Finding†	Conclusion	Citation‡
Polypropylene	S	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment: Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Polyperfluoroethoxymethoxy Difluoroethyl PEG Diostearate	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment: Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Polyperfluoroethoxymethoxy Difluoroethyl PEG Ether	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment: Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Polyperfluoroethoxymethoxy Difluorohydroxyethyl Ether	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment: Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Polyperfluoroethoxymethoxy Difluoromethyl Ether	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment: Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Polypropyl Methacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polypropyl Methacrylate...	Final Report 12/2018 Available from CIR
Polypropylene	S		UT 39(S2):59-90,2020
Polypropylene Terephthalate	S		UT 33(Suppl. 3):36-47, 2014
Polypropylsilsesquioxane	S		Final Report 12/2017 Available from CIR
Polyquaternium-10	S		JACT 7(3):335-351, 1988; IJT 27(Suppl. 1):77-142, 2008
Polyquaternium-11	S		JACT 2(5):161-178, 1983; IJT 24(Suppl. 1):1-102, 2005
Polyquaternium-14	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-14...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-22	S		UT 35(Suppl. 3):47-53, 2016
Polyquaternium-28	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-28...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-32	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-32...Polyquaternium-32...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-33	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-33...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-35	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-35...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-36	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-36...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-37	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-37...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-39	S		UT 35(Suppl. 3):47-53, 2016
Polyquaternium-45	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-45...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-47	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-47...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-48	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-48...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-53	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-53...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-6	S		Final Report Available from CIR 09/2021
Polyquaternium-63	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-63...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-7	S		JACT 14(6):476-484, 1995; IJT 30(Suppl. 2):73-127, 2011
Polyquaternium-73	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-73...	UT 31(Suppl. 3):296-341, 2012
Polyquaternium-91	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polyquaternium-91...	UT 31(Suppl. 3):296-341, 2012
Polysilicone-11	S		Final Report Available from CIR 12/2020
Polysilicone-13	S		Final Report 12/2014 Available from CIR
Polysilicone-2	UNS	The CIR Expert Panel concluded that Polysilicone-2, Polysilicone-4, and Polysilicone-5 are safe when used to coat metal oxide particles and that the data are insufficient to determine safety if these ingredients are used independently in cosmetics.	Final Report 9/2016 Available from CIR
Polysilicone-4	UNS	The CIR Expert Panel concluded that Polysilicone-2, Polysilicone-4, and Polysilicone-5 are safe when used to coat metal oxide particles and that the data are insufficient to determine safety if these ingredients are used independently in cosmetics.	Final Report 9/2016 Available from CIR
Polysilicone-5	UNS	The CIR Expert Panel concluded that Polysilicone-2, Polysilicone-4, and Polysilicone-5 are safe when used to coat metal oxide particles and that the data are insufficient to determine safety if these ingredients are used independently in cosmetics.	Final Report 9/2016 Available from CIR
Polysiphonia Lanosa Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Polysorbate 20	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 20...	JACT 3(5):1-82, 1984; Final Report 6/2015 Available from CIR
Polysorbate 21	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 21...	JACT 3(5):1-82, 1984; Final Report 6/2015 Available from CIR
Polysorbate 40	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 40...	JACT 3(5):1-82, 1984; Final Report 6/2015 Available from CIR
Polysorbate 60	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 60...	JACT 3(5):1-82, 1984; Final Report 6/2015 Available from CIR
Polysorbate 61	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 61...	JACT 3(5):1-82, 1984; Final Report 6/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Polysorbate 65	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 65...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 80	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 80...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 81	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 81...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 85	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 85...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polystearyl Methacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Polystearyl Methacrylate...	Final Report 12/2018 Available from CIR
Polystyrene	S		Final Report 9/2014 Available from CIR
Polystyrene/Hydrogenated Polyisopentene Copolymer	S		Final Report 9/2014 Available from CIR
Polyurethane-1	S		Final Report 9/2017 Available from CIR
Polyurethane-10	S		Final Report 9/2017 Available from CIR
Polyurethane-11	S		Final Report 9/2017 Available from CIR
Polyurethane-12	S		Final Report 9/2017 Available from CIR
Polyurethane-13	S		Final Report 9/2017 Available from CIR
Polyurethane-14	S		Final Report 9/2017 Available from CIR
Polyurethane-15	S		Final Report 9/2017 Available from CIR
Polyurethane-16	S		Final Report 9/2017 Available from CIR
Polyurethane-17	S		Final Report 9/2017 Available from CIR
Polyurethane-18	S		Final Report 9/2017 Available from CIR
Polyurethane-19	S		Final Report 9/2017 Available from CIR
Polyurethane-2	S		Final Report 9/2017 Available from CIR
Polyurethane-20	S		Final Report 9/2017 Available from CIR
Polyurethane-21	S		Final Report 9/2017 Available from CIR
Polyurethane-23	S		Final Report 9/2017 Available from CIR
Polyurethane-24	S		Final Report 9/2017 Available from CIR
Polyurethane-25	S		Final Report 9/2017 Available from CIR
Polyurethane-26	S		Final Report 9/2017 Available from CIR
Polyurethane-27	S		Final Report 9/2017 Available from CIR
Polyurethane-28	S		Final Report 9/2017 Available from CIR
Polyurethane-29	S		Final Report 9/2017 Available from CIR
Polyurethane-32	S		Final Report 9/2017 Available from CIR
Polyurethane-33	S		Final Report 9/2017 Available from CIR
Polyurethane-34	S		Final Report 9/2017 Available from CIR
Polyurethane-35	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isonyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
Polyurethane-36	S		Final Report 9/2017 Available from CIR
Polyurethane-39	S		Final Report 9/2017 Available from CIR
Polyurethane-4	S		Final Report 9/2017 Available from CIR
Polyurethane-40	S		Final Report 9/2017 Available from CIR
Polyurethane-41	S		Final Report 9/2017 Available from CIR
Polyurethane-42	S		Final Report 9/2017 Available from CIR
Polyurethane-43	S		Final Report 9/2017 Available from CIR
Polyurethane-44	S		Final Report 9/2017 Available from CIR
Polyurethane-45	S		Final Report 9/2017 Available from CIR
Polyurethane-46	S		Final Report 9/2017 Available from CIR
Polyurethane-47	S		Final Report 9/2017 Available from CIR
Polyurethane-48	S		Final Report 9/2017 Available from CIR
Polyurethane-49	S		Final Report 9/2017 Available from CIR
Polyurethane-5	S		Final Report 9/2017 Available from CIR
Polyurethane-50	S		Final Report 9/2017 Available from CIR
Polyurethane-51	S		Final Report 9/2017 Available from CIR
Polyurethane-52	S		Final Report 9/2017 Available from CIR
Polyurethane-53	S		Final Report 9/2017 Available from CIR
Polyurethane-54	S		Final Report 9/2017 Available from CIR
Polyurethane-55	S		Final Report 9/2017 Available from CIR
Polyurethane-56	S		Final Report 9/2017 Available from CIR
Polyurethane-57	S		Final Report 9/2017 Available from CIR
Polyurethane-58	S		Final Report 9/2017 Available from CIR
Polyurethane-59	S		Final Report 9/2017 Available from CIR
Polyurethane-6	S		Final Report 9/2017 Available from CIR
Polyurethane-60	S		Final Report 9/2017 Available from CIR
Polyurethane-61	S		Final Report 9/2017 Available from CIR
Polyurethane-62	S		Final Report 9/2017 Available from CIR
Polyurethane-63	S		Final Report 9/2017 Available from CIR
Polyurethane-64	S		Final Report 9/2017 Available from CIR
Polyurethane-65	S		Final Report 9/2017 Available from CIR
Polyurethane-66	S		Final Report 9/2017 Available from CIR
Polyurethane-67	S		Final Report 9/2017 Available from CIR
Polyurethane-68	S		Final Report 9/2017 Available from CIR
Polyurethane-69	S		Final Report 9/2017 Available from CIR
Polyurethane-7	S		Final Report 9/2017 Available from CIR
Polyurethane-70	S		Final Report 9/2017 Available from CIR
Polyurethane-71	S		Final Report 9/2017 Available from CIR
Polyurethane-72	S		Final Report 9/2017 Available from CIR
Polyurethane-8	S		Final Report 9/2017 Available from CIR
Polyurethane-9	S		Final Report 9/2017 Available from CIR
Polyvinyl Acetate	S		JACT 11(4):465-473, 1992; JACT 15(2):166-176, 1996; IJT 36(Suppl 2):14-58, 2017
Polyvinyl Alcohol	S		IJT 17(S5):67-92, 1998; IJT 36(Suppl 2):14-58, 2017
Polyvinylpyrrolidone	S		Final Report 12/2018 Available from CIR
Polyvinylpyrrolidone/Vinyl Acetate Copolymer	S		Final Report 12/2018 Available from CIR
Porphyra Linearis Powder	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Porphyra Tenera Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021

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Ingredient	Finding†	Conclusion	Citation‡
Porphyra Tenera Sporophyte Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Porphyra Umbilicalis Extract	S		Final Report Available from 09/2021
Porphyra Umbilicalis Powder	S		Final Report Available from CIR 09/2021
Porphyra Yezoensis Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Porphyra Yezoensis Powder	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Porphyridium Cruentum Culture Conditioned Media	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Porphyridium Cruentum Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Porphyridium Purpureum Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Potassium Acetate	S		UT 31(Suppl. 1):112-136, 2012
Potassium Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Potassium Acrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Potassium Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Potassium Acrylates Copolymer...	Final Report 12/2018 Available from CIR
Potassium Acrylates/C10-30 Alkyl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Potassium Acrylates/C10-30 Alkyl Acrylate Crosspolymer...	UT 36(Suppl 2):59-88, 2017; Final Report 12/2018 Available from CIR
Potassium Acrylates/Ethylhexyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Potassium Acrylates/Ethylhexyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Potassium Alginate	S		Final Report 9/2015 Available from CIR
Potassium Aluminum Polyacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Potassium Aluminum Polyacrylate...	UT 21(Suppl 3):1-50, 2002; Final Report 12/2018 Available from CIR
Potassium Ascorbyl Tocopheryl Phosphate	S		UT 21(Suppl. 3):51-116, 2002; Final Report 3/2014 Available from CIR
Potassium Aspartate	S		UT 32(Suppl. 4):41-64, 2013
Potassium Babassuate	S		UT 36(Suppl. 3):51-129, 2017
Potassium Behenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA... Potassium Behenate...	Final Report 04/2019 Available from CIR
Potassium Benzoate	S		UT 36(Suppl. 3):5-30, 2017
Potassium Bicarbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating. Potassium Bicarbonate...	Final Report 12/2016 Available from CIR
Potassium Borageate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA... Potassium Borageate...	Final Report 04/2019 Available from CIR
Potassium Bromate	SQ	Based upon the data included in this report the CIR Expert Panel concludes that Sodium Bromate and Potassium Bromate may be used in cosmetic permanent wave formulations at concentrations not to exceed 10.17%, measured as Sodium Bromate.	JACT 13(5):400-414, 1994; UT 30(Suppl. 2):73-127, 2011
Potassium Butyl Ester of PVM/MA Copolymer	S		UT 30(Suppl. 2):128-144, 2011
Potassium Butylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8%. Potassium Butylparaben...	UT 39(S1):5-97, 2020
Potassium C11-15 Alkyl Phosphate	SQ	The CIR Expert Panel concluded that the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating. Potassium C11-15 Alkyl Phosphate...	UT 38(S2):12-32, 2019
Potassium C12-13 Alkyl Phosphate	SQ	The CIR Expert Panel concluded that the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating. Potassium C12-13 Alkyl Phosphate...	UT 38(S2):12-32, 2019
Potassium C12-14 Alkyl Phosphate	SQ	The CIR Expert Panel concluded that the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating. Potassium C12-14 Alkyl Phosphate...	UT 38(S2):12-32, 2019
Potassium C9-15 Alkyl Phosphate	SQ	The CIR Expert Panel concluded that the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating. Potassium C9-15 Alkyl Phosphate...	UT 38(S2):12-32, 2019
Potassium Camelliate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA... Potassium Camelliate...	Final Report 04/2019 Available from CIR
Potassium Caprate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA... Potassium Caprate...	Final Report 04/2019 Available from CIR
Potassium Caproyl Tyrosine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating. Potassium Caproyl Tyrosine...	UT 36(Suppl. 1):17-56, 2017
Potassium Caprylate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA... Potassium Caprylate...	Final Report 04/2019 Available from CIR
Potassium Caprylate/Caprate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA... Potassium Caprylate/Caprate...	Final Report 04/2019 Available from CIR
Potassium Capryloyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating. Potassium Capryloyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Potassium Carbomer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Potassium Carbomer...	Final Report 12/2018 Available from CIR
Potassium Carbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating. Potassium Carbonate...	Final Report 12/2016 Available from CIR
Potassium Carrageenan	S		Final Report 9/2015 Available from CIR
Potassium Caseinate	S		Final Report 9/2017 Available from CIR

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Ingredient	Finding [†]	Conclusion	Citation [‡]
Potassium Castorate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Castorate...	Final Report 04/2019 Available from CIR
Potassium Cellulose Succinate	S		Final Report 3/2009 Available from CIR
Potassium Cetyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Potassium Cetyl Phosphate...	IJT 38(S2):12-32,2019
Potassium Chlorate	Z	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude whether Potassium Chlorate is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 14(3):221-230, 1995
Potassium Citrate	S		IJT 33(Suppl.2):16-46, 2014
Potassium Cocoate	S		IJT 30(Suppl. 1):5-16, 2011 ;IJT 36(Suppl. 3):51-129, 2017
Potassium Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Cocoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Potassium Cocoyl Glycinate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Cocoyl Glycinate...	IJT 36(Suppl. 1):17-56, 2017
Potassium Cocoyl Rice Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Cocoyl Rice Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Potassium Cocoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Potassium Cocoyl Sarcosinate...	IJT 40(S2):117-133,2021
Potassium Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Potassium Cocoyl Taurate...	Final Report 12/2015 Available from CIR
Potassium Cornate	S		IJT 30(Suppl. 1):17-39, 2011 ;IJT 36(Suppl. 3):51-129, 2017
Potassium Cumenesulfonate	SQ	Potassium Cumenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Potassium Dextrin Octenylsuccinate	S		Final Report 9/2015 Available from CIR
Potassium Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010
Potassium Ethyl Ester of PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Potassium Ethylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Potassium Ethylparaben...	IJT 39(S1):5-97,2020
Potassium Gluconate	S		IJT 38(S1):5-38,2019
Potassium Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Potassium Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Potassium Glycyrrhetinate	S		IJT 26(Suppl. 2):79-112, 2007
Potassium Glycyrrhizinate	S		IJT 26(Suppl. 2):79-112, 2007
Potassium Hyaluronate	S		IJT 28(Suppl. 1):5-67, 2009
Potassium Hydrogenated Cocoate	S		IJT 30(Suppl. 1):5-16, 2011 ;IJT 36(Suppl. 3):51-129, 2017
Potassium Hydrogenated Palmate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Hydrogenated Tallowate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Hydrogenated Tallowate...	Final Report 04/2019 Available from CIR
Potassium Hydroxide	SQ	The CIR Expert Panel concluded that ... Potassium Hydroxide is safe in hair straighteners and depilatories under conditions of recommended use; users should minimize skin contact. A These ingredients are safe for all other present practices of use and concentration described in this safety assessment when formulated to be nonirritating.	IJT 40(Suppl 2):16-35,2021
Potassium Hydroxystearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Hydroxystearate...	Final Report 04/2019 Available from CIR
Potassium Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Isostearate.....Potassium Isostearate...	Final Report 04/2019 Available from CIR
Potassium Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Potassium Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Potassium Lanolate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Lanolate...	Final Report 04/2019 Available from CIR
Potassium Laurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Laurate...	Final Report 04/2019 Available from CIR
Potassium Lauroyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Collagen Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Potassium Lauroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017

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Ingredient	Finding ^f	Conclusion	Citation ^g
Potassium Lauroyl Oat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Oat Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Potassium Lauroyl Pea Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Pea Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Potassium Lauroyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Potassium Lauroyl Sarcosinate...	UT 40(S2):117-133,2021
Potassium Lauroyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Silk Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Potassium Lauroyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Wheat Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Potassium Lauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Potassium Lauryl Phosphate...	UT 38(S2):12-32,2019
Potassium Linoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Linoleate...	Final Report 04/2019 Available from CIR
Potassium Linseedate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Linseedate...	Final Report 04/2019 Available from CIR
Potassium Metabisulfite	S		UT 22(Suppl. 2):63-88, 2003
Potassium Metaphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Potassium Metaphosphate...	UT 40(S1):34-85,2021
Potassium Methyl Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Potassium Methyl Cocoyl Taurate...	Final Report 12/2015 Available from CIR
Potassium Methylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Potassium Methylparaben...	UT 39(S1):5-97,2020
Potassium Myristate	S		UT 29(Suppl. 3):162-186,2010
Potassium Myristoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Myristoyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Potassium Octoxynol-12 Phosphate	S		UT 23(Suppl. 1):59-111, 2004
Potassium Oleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Oleate...	Final Report 04/2019 Available from CIR
Potassium Olivinate	S		UT 36(Suppl. 3):51-129, 2017
Potassium Olivinate/Sunflowerseedate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Olivinate/Sunflowerseedate...	Final Report 04/2019 Available from CIR
Potassium Olivoyl/Lauroyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Olivoyl/Lauroyl Wheat Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Potassium Palm Kernelate	S		UT 36(Suppl. 3):51-129, 2017
Potassium Palmate	S		UT 36(Suppl. 3):51-129, 2017
Potassium Palmitate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Palmitate...	Final Report 04/2019 Available from CIR
Potassium Paraben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Potassium Paraben...	UT 39(S1):5-97,2020
Potassium PCA	SQ	The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 38(S2):5-11,2019
Potassium Peanutate	S		UT 36(Suppl. 3):51-129, 2017
Potassium PEG-50 Hydrogenated Castor Oil Succinate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Potassium PEG-50 Hydrogenated Castor Oil Succinate...	UT 33(Suppl 4):13-39, 2014
Potassium Persulfate	SQ; I	The CIR Expert Panel concluded that Ammonium, Potassium, and Sodium Persulfate are safe as used as oxidizing agents in hair colorants and hair lighteners designed for brief discontinuous use followed by thorough rinsing from the hair and skin. The Panel also concluded that the available data are insufficient for determining the safety of these persulfates in leave-on products and dentifrices.	UT 20(suppl 3):7-21, 2001;Final Report 12/2017 Available from CIR
Potassium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Potassium Phosphate...	UT 40(S1):34-85,2021
Potassium Polyacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Potassium Polyacrylate...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Potassium Polyphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Potassium Polyphosphate...	UT 40(S1):34-85;2021
Potassium Propylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Potassium Propylparaben...	UT 39(S1):5-97,2020
Potassium Rapeseedate	S		UT 36(Suppl. 3):51-129, 2017
Potassium Ricinoleate	S		UT 26(Suppl. 3):31-77, 2007
Potassium Safflowerate	S		UT 36(Suppl. 3):51-129, 2017
Potassium Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Potassium Salicylate...	UT 22(Suppl 3):1-108, 2003;Final Report 04/2019 Available from CIR

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Potassium Silicate	S		UT 24(S1):103-117, 2005
Potassium Sorbate	S		JACT 7(6):837-880, 1988; IJT 27(Suppl. 1):77-142, 2008
Potassium Soyate	S		UT 36(Suppl. 3):51-129, 2017
Potassium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Stearate...	JACT 1(2):143-177, 1982; IJT 22(Suppl. 1):1-35, 2003; Final Report 04/2019 Available from CIR
Potassium Stearoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Stearoyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Potassium Sulfite	S		UT 22(Suppl. 2):63-88, 2003
Potassium Sunflowerseedate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Sunflowerseedate...	Final Report 04/2019 Available from CIR
Potassium Tallate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Tallate	UT 28(Suppl. 3):252-258, 2009; Final Report 04/2019 Available from CIR
Potassium Tallowate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Tallowate...	Final Report 04/2019 Available from CIR
Potassium Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Potassium Taurate...	Final Report 12/2015 Available from CIR
Potassium Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Potassium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure. Potassium Thioglycolate in depilatories is safe when formulated to be non-irritating under conditions of recommended use.	UT 28(Suppl. 1):68-133, 2009
Potassium Toluenesulfonate	SQ	Potassium Toluenesulfonatesafe ... as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	UT 30(Suppl. 3):270-283, 2011
Potassium Undecylenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Undecylenate...	Final Report 04/2019 Available from CIR
Potassium Undecylenoyl Alginate	S		Final Report 9/2015 Available from CIR
Potassium Undecylenoyl Carrageenan	S		Final Report 9/2015 Available from CIR
Potassium Undecylenoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Undecylenoyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Potassium Xylene Sulfonate	SQ	Potassium Xylene Sulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	UT 30(Suppl. 3):270-283, 2011
Potassium Xylenesulfonate	SQ	Potassium Xylenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	UT 30(Suppl. 3):270-283, 2011
Potassium-Coco-Hydrolyzed Animal Protein	S		JACT 2(7):75-86, 1983; IJT 24(Suppl. 1):1-102, 2005
Potato Starch Modified	S		Final Report 9/2015 Available from CIR
PPG-1 Hydroxyethyl Caprylamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PPG-1 Hydroxyethyl Caprylamide...	Final Report 06/2019 Available from CIR
PPG-1 Trideceth-13	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1 Trideceth-13...	UT 35(Suppl. 1):60-89, 2016
PPG-1 Trideceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1 Trideceth-6...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Ceteth-1	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Ceteth-1...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Ceteth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Ceteth-10...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Ceteth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Ceteth-20...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Ceteth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Ceteth-5...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Deceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Deceth-4...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Deceth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Deceth-5...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Deceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Deceth-6...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Deceth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Deceth-7...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Isodeceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Isodeceth-4...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Isodeceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Isodeceth-6...	UT 35(Suppl. 1):60-89, 2016
PPG-1-Isodeceth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Isodeceth-7...	UT 35(Suppl. 1):60-89, 2016

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Ingredient	Finding†	Conclusion	Citation‡
PPG-1-Isodeceth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Isodeceth-9...	UT 35(Suppl. 1):60-89, 2016
PPG-10 Lanolin Alcohol Ether	S		UT 37(Suppl. 1):19-27, 2018
PPG-10 Methyl Glucose Ether	S		UT 35(Suppl. 2):12-40, 2016
PPG-10-Buteth-9	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-10-Buteth-9...	Final Report 4/2017 Available from CIR
PPG-10-Ceteareth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-10-Ceteareth-20...	UT 35(Suppl. 1):60-89, 2016
PPG-11 Stearyl Ether	S		UT 20(suppl 4):53-59, 2001
PPG-12	SQ	The CIR Expert Panel concluded that ... PPG-12 and any PG ≥ 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;UT 31(Suppl 2):245-260, 2012
PPG-12 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-12 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-12 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-12 Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-12-Buteth-12	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-12-Buteth-12...	Final Report 4/2017 Available from CIR
PPG-12-Buteth-16	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-12-Buteth-16...	UT 19(S1):47-67, 2000;Final Report 12/2000 Available from CIR;Final Report 4/2017 Available from CIR
PPG-12-PEG-50 Lanolin	S		UT 37(Suppl. 1):19-27, 2018
PPG-12-PEG-65 Lanolin Oil	S		UT 37(Suppl. 1):19-27, 2018
PPG-13	SQ	The CIR Expert Panel concluded that ... PPG-13 and any PG ≥ 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl 2):245-260, 2012
PPG-13-Decyltetradeceth-24	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-13-Decyltetradeceth-24...	UT 35(Suppl. 1):60-89, 2016
PPG-14 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-14 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-14-Deceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-14-Deceth-6...	UT 35(Suppl. 1):60-89, 2016
PPG-15	SQ	The CIR Expert Panel concluded that ... PPG-15 and any PG ≥ 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;UT 31(Suppl 2):245-260, 2012
PPG-15 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-15 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-15 Stearyl Ether	S		UT 20(suppl 4):53-59, 2001
PPG-15-Buteth-20	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-15-Buteth-20...	Final Report 4/2017 Available from CIR
PPG-16	SQ	The CIR Expert Panel concluded that ... PPG-16 and any PG ≥ 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl 2):245-260, 2012
PPG-16 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-16 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-17	SQ	The CIR Expert Panel concluded that ... PPG-17 and any PG ≥ 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;UT 31(Suppl 2):245-260, 2012
PPG-17 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-17 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-17-Buteth-17	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-17-Buteth-17...	Final Report 4/2017 Available from CIR
PPG-18 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-18 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-19-Buteth-19	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-19-Buteth-19...	Final Report 4/2017 Available from CIR
PPG-2 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-2 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-2 C12-13 Pareth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C12-13 Pareth-8...	UT 35(Suppl. 1):60-89, 2016
PPG-2 C12-15 Pareth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C12-15 Pareth-6...	UT 35(Suppl. 1):60-89, 2016
PPG-2 C9-11 Pareth-11	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C9-11 Pareth-11...	UT 35(Suppl. 1):60-89, 2016
PPG-2 C9-11 Pareth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C9-11 Pareth-5...	UT 35(Suppl. 1):60-89, 2016
PPG-2 C9-11 Pareth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C9-11 Pareth-7...	UT 35(Suppl. 1):60-89, 2016
PPG-2 C9-11 Pareth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C9-11 Pareth-8...	UT 35(Suppl. 1):60-89, 2016
PPG-2 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PPG-2 Cocamide...	Final Report 06/2019 Available from CIR
PPG-2 Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-2 Hydroxyethyl Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PPG-2 Hydroxyethyl Cocamide...	Final Report 06/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PPG-2-Isodeceth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Isodeceth-9...	UT 35(Suppl. 1):60-89, 2016
PPG-2-Laureth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Laureth-12...	UT 35(Suppl. 1):60-89, 2016
PPG-2-Laureth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Laureth-5...	UT 35(Suppl. 1):60-89, 2016
PPG-2-Laureth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Laureth-8...	UT 35(Suppl. 1):60-89, 2016
PPG-2-PEG-11 Hydrogenated Lauryl Alcohol Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-PEG-11 Hydrogenated Lauryl Alcohol Ether...	UT 35(Suppl. 1):60-89, 2016
PPG-20	SQ	The CIR Expert Panel concluded that ... PPG-20 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;UT 31(Suppl 2):245-260, 2012
PPG-20 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-20 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-20 Lanolin Alcohol Ether	S		UT 37(Suppl. 1):19-27, 2018
PPG-20 Methyl Glucose Ether	S		UT 35(Suppl. 2):12-40, 2016
PPG-20 Methyl Glucose Ether Acetate	S		UT 35(Suppl. 2):12-40, 2016
PPG-20 Methyl Glucose Ether Distearate	S		UT 35(Suppl. 2):12-40, 2016
PPG-20-Buteth-30	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-20-Buteth-30...	Final Report 4/2017 Available from CIR
PPG-20-Decyltetradeceth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-20-Decyltetradeceth-10...	UT 35(Suppl. 1):60-89, 2016
PPG-20-PEG-20 Hydrogenated Lanolin	S		UT 37(Suppl. 1):19-27, 2018
PPG-22 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-22 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-23-Steareth-34	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-23-Steareth-34...	UT 35(Suppl. 1):60-89, 2016
PPG-24 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-24 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-24-Buteth-27	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-24-Buteth-27...	Final Report 4/2017 Available from CIR
PPG-25 Diethylmonium Chloride	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of PPG-9, -25, and -40 Diethylmonium Chloride for use in cosmetic products.	UT 18(S3):57-59, 1999
PPG-25 Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-25 Methyl Glucose Ether	S		UT 35(Suppl. 2):12-40, 2016
PPG-25-Laureth-25	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-25-Laureth-25...	UT 35(Suppl. 1):60-89, 2016
PPG-26	SQ	The CIR Expert Panel concluded that PG, tripropylene glycol, PPG-3, PPG-7, PPG-9, PPG-12, PPG-13, PPG-15, PPG-16, PPG-17, PPG-20, PPG-26, PPG-30, PPG-33, PPG-34, PPG-51, PPG-52, PPG-69 and any PG >= are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;UT 31(Suppl 2):245-260, 2012
PPG-26 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-26 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-26-Buteth-26	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-26-Buteth-26...	UT 19(S1):47-67, 2000;Final Report 12/2000 Available from CIR;Final Report 4/2017 Available from CIR
PPG-26/HDI Copolymer	S		Final Report 06/2016 available from CIR
PPG-27 Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-27/9 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-28-Buteth-35	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-28-Buteth-35...	UT 19(S1):47-67, 2000;Final Report 12/2000 Available from CIR;Final Report 4/2017 Available from CIR
PPG-3	SQ	The CIR Expert Panel concluded that ... PPG-3 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl 2):245-260, 2012
PPG-3 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-3 Butyl Ether...	Final Report 4/2017 Available from CIR
PPG-3 C12-14 Sec-Pareth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3 C12-14 Sec-Pareth-7...	UT 35(Suppl. 1):60-89, 2016
PPG-3 Hydroxyethyl Soyamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PPG-3 Hydroxyethyl Soyamide...	Final Report 06/2019 Available from CIR
PPG-3 Methyl Ether	S		UT 28(Suppl. 2):162-174, 2009
PPG-3-Buteth-5	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-3-Buteth-5...	Final Report 4/2017 Available from CIR
PPG-3-Isodeceth-1	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Isodeceth-1...	UT 35(Suppl. 1):60-89, 2016
PPG-3-Isosteareth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Isosteareth-9...	UT 35(Suppl. 1):60-89, 2016
PPG-3-Laureth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Laureth-10...	UT 35(Suppl. 1):60-89, 2016
PPG-3-Laureth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Laureth-12...	UT 35(Suppl. 1):60-89, 2016

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Ingredient	Finding†	Conclusion	Citation‡
PPG-4-Deceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Deceth-4...	UT 35(Suppl. 1):60-89, 2016
PPG-4-Deceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Deceth-6...	UT 35(Suppl. 1):60-89, 2016
PPG-4-Isodeceth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Isodeceth-10...	UT 35(Suppl. 1):60-89, 2016
PPG-4-Laureth-15	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Laureth-15...	UT 35(Suppl. 1):60-89, 2016
PPG-40 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-40 Butyl Ether...	JACT 12(3):257-259, 1993;UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-40 Diethylmonium Chloride	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of PPG-9, -25, and -40 Diethylmonium Chloride for use in cosmetic products.	UT 18(53):57-59, 1999
PPG-40-PEG-60 Lanolin Oil	S		UT 37(Suppl. 1):19-27, 2018
PPG-5 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-5 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-5 C12-14 Sec-Pareth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5 C12-14 Sec-Pareth-7...	UT 35(Suppl. 1):60-89, 2016
PPG-5 C12-14 Sec-Pareth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5 C12-14 Sec-Pareth-9...	UT 35(Suppl. 1):60-89, 2016
PPG-5 C9-15 Pareth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5 C9-15 Pareth-6...	UT 35(Suppl. 1):60-89, 2016
PPG-5 Lanolin Alcohol Ether	S		UT 37(Suppl. 1):19-27, 2018
PPG-5 Lanolin Wax	S		UT 16(Suppl. 3):307-315, 1997; UT 37(Suppl. 1):19-27, 2018
PPG-5 Lanolin Wax Glyceride	S		UT 16(Suppl. 3):307-315, 1997; UT 37(Suppl. 1):19-27, 2018
PPG-5-Buteth-5	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-5-Buteth-5...	Final Report 4/2017 Available from CIR
PPG-5-Buteth-7	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-5-Buteth-7...	Final Report 4/2017 Available from CIR
PPG-5-Ceteth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5-Ceteth-20...	UT 35(Suppl. 1):60-89, 2016
PPG-5-Laureth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5-Laureth-5...	UT 35(Suppl. 1):60-89, 2016
PPG-51	SQ	The CIR Expert Panel concluded that ... PPG-51 and any PG >=3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl 2):245-260, 2012
PPG-52	SQ	The CIR Expert Panel concluded that ... PPG-52 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl 2):245-260, 2012
PPG-52 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-52 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-53 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-53 Butyl Ether...	UT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-6	SQ	The CIR Expert Panel concluded that ... PPG-6 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl 2):245-260, 2012
PPG-6 C12-15 Pareth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6 C12-15 Pareth-12...	UT 35(Suppl. 1):60-89, 2016
PPG-6 C9-11 Pareth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6 C9-11 Pareth-5...	UT 35(Suppl. 1):60-89, 2016
PPG-6 Trideceth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6 Trideceth-8...	UT 35(Suppl. 1):60-89, 2016
PPG-6-Deceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Deceth-4...	UT 35(Suppl. 1):60-89, 2016
PPG-6-Deceth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Deceth-9...	UT 35(Suppl. 1):60-89, 2016
PPG-6-Decyltetradeceth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Decyltetradeceth-12...	UT 35(Suppl. 1):60-89, 2016
PPG-6-Decyltetradeceth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Decyltetradeceth-20...	UT 35(Suppl. 1):60-89, 2016
PPG-6-Decyltetradeceth-30	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Decyltetradeceth-30...	UT 35(Suppl. 1):60-89, 2016
PPG-6-Laureth-3	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Laureth-3...	UT 35(Suppl. 1):60-89, 2016
PPG-69	SQ	The CIR Expert Panel concluded that ... PPG-69 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl 2):245-260, 2012
PPG-7	SQ	The CIR Expert Panel concluded that PPG-7 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl 2):245-260, 2012

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Ingredient	Finding†	Conclusion	Citation‡
PPG-7-Buteth-10	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-7-Buteth-10...	Final Report 4/2017 Available from CIR
PPG-7-Buteth-4	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-7-Buteth-4...	Final Report 4/2017 Available from CIR
PPG-8-Ceteth-1	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-1...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Ceteth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Ceteth-2	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-2...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Ceteth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-20...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Ceteth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Deceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Deceth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-9	SQ	The CIR Expert Panel concluded that PPG-9 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
PPG-9 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-9 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-9 Diethylmonium Chloride	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of PPG-9, -25, and -40 Diethylmonium Chloride for use in cosmetic products.	IJT 18(S3):57-59, 1999
PPG-9 Ethylhexeth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-9 Ethylhexeth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-9-Buteth-12	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-9-Buteth-12...	IJT 19(S1):47-67, 2000;Final Report 12/2000 Available from CIR;Final Report 4/2017 Available from CIR
PPG-9-Steareth-3	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-9-Steareth-3...	IJT 35(Suppl. 1):60-89, 2016
Proline	S		IJT 32(Suppl. 4):41-64, 2013
Propane	S		JACT 1(4):127-142, 1982; IJT 24(Suppl. 1):1-102, 2005
Propanediol	S		Final Report 06/2018 available from CIR
Propanediol Dicaprylate	S		Final Report 9/2017 Available from CIR
Propanediol Dicaprylate/Caprate	S		Final Report 9/2017 Available from CIR
Propanediol Diisostearate	S		Final Report 9/2017 Available from CIR
Propanediol Dipelargonate	S		Final Report 9/2017 Available from CIR
Propionyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Propionyl Collagen Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Propyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Propyl Alcohol	S		IJT 31(Suppl. 1):112-136, 2012
Propyl Benzoate	S		IJT 31(Suppl. 3):342-372, 2012
Propyl Gallate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Propyl Gallate is safe in the practices of use as described in this safety assessment at concentrations less than or equal to 0.1%.	JACT 4(3):23-64, 1985; IJT 26(Suppl. 3):89-118, 2007
Propyl Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Propyl Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Propylene Carbonate	S		JACT 6(1):23-51, 1987; IJT 25(Suppl. 2) :1-89,2006
Propylene Glycol	SQ	The CIR Expert Panel concluded that ... PG and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
Propylene Glycol Alginate	S		Final Report 9/2015 Available from CIR
Propylene Glycol Behenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Behenate...	Final Report 12/2014 Available from CIR
Propylene Glycol Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Propylene Glycol Butyl Ether...	Final Report 4/2017 Available from CIR
Propylene Glycol Capreth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Capreth-4...	IJT 35(Suppl. 1):60-89, 2016
Propylene Glycol Caprylate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Caprylate...	Final Report 12/2014 Available from CIR
Propylene Glycol Cocoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Cocoate...	Final Report 12/2014 Available from CIR
Propylene Glycol Dicaprate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dicaprate...	IJT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dipropionate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dipropionate...	Final Report 12/2014 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Propylene Glycol Dicaprylate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dicaprylate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dicaprylate/Dicaprate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dicaprylate/Dicaprate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dicoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dicoate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Diethylhexanoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Diethylhexanoate...	Final Report 12/2014 Available from CIR
Propylene Glycol Diisononanoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Diisononanoate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Diisostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Diisostearate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dilaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dilaurate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dioleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dioleate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dipelargonate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dipelargonate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Distearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Distearate...	Final Report 12/2014 Available from CIR
Propylene Glycol Heptanoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Heptanoate...	Final Report 12/2014 Available from CIR
Propylene Glycol Isodeceth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Isodeceth-12...	UT 35(Suppl. 1):60-89, 2016
Propylene Glycol Isodeceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Isodeceth-4...	UT 35(Suppl. 1):60-89, 2016
Propylene Glycol Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Isostearate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Laurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Laurate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Laureth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Laureth-6...	UT 35(Suppl. 1):60-89, 2016
Propylene Glycol Linoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Linoleate...	Final Report 12/2014 Available from CIR
Propylene Glycol Linolenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Linolenate...	Final Report 12/2014 Available from CIR
Propylene Glycol Myristate	S		UT 18(S2):35-52, 1999;JIT 29(Suppl. 3):162-186,2010;Final Report 12/2014 Available from CIR
Propylene Glycol Oleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Oleate...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Oleate SE	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Oleate SE...	UT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Oleth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Oleth-5...	UT 35(Suppl. 1):60-89, 2016
Propylene Glycol Soyate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Soyate...	Final Report 12/2014 Available from CIR
Propylene Glycol Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Stearate...	JACT 2(5):101-124, 1983;JIT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
Propylene Glycol Stearate SE	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Stearate SE...	JACT 2(5):101-124, 1983;JIT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
Propylene Glycol Stearate Self-Emulsifying	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Stearate Self-Emulsifying...	JACT 2(5):101-124, 1983;JIT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
Propylene Glycol/Sebacic Acid/Trimellitic Anhydride Copolymer	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following four trimellitic anhydride copolymers are safe under the intended conditions of use in cosmetic formulations...Propylene Glycol/Sebacic Acid/Trimellitic Anhydride Copolymer	UT 39(S3):74-92,2020
Propylheptyl Caprylate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation‡
Propylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Propylparaben...	IJT 39(S1):5-97,2020
Prunus Amygdalus Dulcis (Sweet Almond) Oil	S		JACT 2(S):85-99, 1983 ;IJT 24(Suppl. 1):1-102, 2005;IJT 36(Suppl. 3):51-129, 2017
Prunus Amygdalus Dulcis (Sweet Almond) Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Armeniaca (Apricot) Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Armeniaca (Apricot) Kernel Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Avium (Sweet Cherry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Domestica Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Persica (Peach) Gum	S		Final Report 9/2015 Available from CIR
Prunus Persica (Peach) Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Pseudoalteromonas Exopolysaccharides	S		IJT 35(Suppl. 1):5-49, 2016
Psicose	S		Final Report Available from CIR 09/2021
PTFE	S		Final Report 10/2018 available from CIR
Pueraria Lobata Starch	S		Final Report 9/2015 Available from CIR
Pullulan	S		IJT 35(Suppl. 1):5-49, 2016
Pumpkin Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Pumpkin Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Pumpkin Seed Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Pumpkin Seed Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Pumpkin Seed Oil Polyglyceryl-4 Esters Succinate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Pumpkin Seed Oil Polyglyceryl-4 Esters Succinate...	Final Report 9/2016 Available from CIR
Punica Granatum Bark Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Bark Extract	Final Report 06/2020 Available from CIR
Punica Granatum Bark/Fruit Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Bark/Fruit Extract	Final Report 06/2020 Available from CIR
Punica Granatum Callus Culture Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Callus Culture Extract	Final Report 06/2020 Available from CIR
Punica Granatum Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Extract	Final Report 06/2020 Available from CIR
Punica Granatum Flower Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Fruit Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Fruit Juice	S		Final Report 06/2020 Available from CIR
Punica Granatum Fruit Water	S		Final Report 06/2020 Available from CIR
Punica Granatum Fruit/Root/Stem Powder	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Fruit/Root/Stem Powder	Final Report 06/2020 Available from CIR
Punica Granatum Fruit/Sucrose Ferment Filtrate	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Fruit/Sucrose Ferment Filtrate	Final Report 06/2020 Available from CIR
Punica Granatum Juice Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Leaf Cell Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Leaf Cell Extract	Final Report 06/2020 Available from CIR
Punica Granatum Peel Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Peel Extract	Final Report 06/2020 Available from CIR
Punica Granatum Pericarp Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Seed	S		Final Report 06/2020 Available from CIR
Punica Granatum Seed Cell Culture Lysate	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Seed Cell Culture Lysate	Final Report 06/2020 Available from CIR
Punica Granatum Seed Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Punica Granatum Seed Powder	S		Final Report 06/2020 Available from CIR
Punica Granatum Sterols	S		Final Report 12/2013 Available from CIR
PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
PVP	S		Final Report 12/2018 Available from CIR
PVP/Decene Copolymer	S		Final Report 12/2018 Available from CIR
PVP/Dimethylaminoethylmethacrylate Copolymer	S		IJT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
PVP/VA/Itaconic Acid Copolymer	S		Final Report 12/2018 Available from CIR
PVP/VA/Vinyl Propionate Copolymer	S		Final Report 12/2018 Available from CIR
Pyrocatechol	U; UNS	The CIR Expert Panel concludes that Pyrocatechol is unsafe for use in leave-on products, and that the available data are insufficient to support the safety of Pyrocatechol as used in hair dyes.	JACT 5(3):123-165, 1986; IJT 16(S1):11-58, 1997
Pyrogallol	S		JACT 10(1):67-85, 1991
Pyromallic Glycidyl Dimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Pyromallic Glycidyl Dimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Pyrophyllite	S		IJT 22(Suppl. 1):37-102, 2003
Pyrus Malus (Apple) Bark Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Bark Extract.	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Carpel Powder	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Carpel Powder...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Fiber	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Fiber...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Flower Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Flower Extract...	Final Report 4/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Pyrus Malus (Apple) Fruit	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Fruit...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Fruit Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Fruit Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Fruit Water	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Fruit Water...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Juice	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Juice...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Leaf Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Pectin Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Pectin Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Peel Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Peel Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Peel Powder	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Peel Powder...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Peel Wax	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Peel Wax...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Pulp Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Pulp Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Root Bark Powder	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Root Bark Powder...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Root Extract	I	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Seed Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Seed Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Stem Extract	I	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 4/2016 Available from CIR
Quassin	Z	The CIR Expert Panel concluded ... that the available data are insufficient to support the safety of Quassin... as denaturants.	UT 27(Suppl. 1):1-43, 2008
Quaternium-15	SQ	Quaternium-15 is safe as a cosmetic ingredient in the practices of use in this safety assessment at concentrations not to exceed 0.2%.	JACT 5(3):61-101, 1986; IJT 29(Suppl. 2):98-114, 2010; IJT 36(Suppl 2):14-58, 2017
Quaternium-18	S		JACT 1(2):71-83, 1982; IJT 22(Suppl. 1):1-35, 2003
Quaternium-18 Bentonite	S		JACT 1(2):71-83, 1982; IJT 22(Suppl. 1):1-35, 2003
Quaternium-18 Hectorite	S		JACT 1(2):71-83, 1982; IJT 22(Suppl. 1):1-35, 2003; IJT 32(Suppl.4):33-40, 2013
Quaternium-18/Benzalkonium Bentonite	SQ	The CIR Expert Panel concluded that the aluminum clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Quaternium-18/Benzalkonium Bentonite...	Final Report 4/2016 Available from CIR
Quaternium-22	S		JACT 14(6):485-497, 1995; IJT 30(Suppl. 2):73-127, 2011
Quaternium-26	SQ	Based on the available animal and clinical data in this report, the CIR Expert Panel concludes that Quaternium-26 is safe in the present practices of use. Quaternium-26 should not be used in products in which N-nitroso compounds may be formed.	UT 19(S1):69-75, 2000
Quaternium-90 Bentonite	SQ	The CIR Expert Panel concluded that the aluminum clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Quaternium-90 Bentonite...	Final Report 4/2016 Available from CIR
Quaternium-90 Montmorillonite	SQ	The CIR Expert Panel concluded that the aluminum clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Quaternium-90 Montmorillonite...	Final Report 4/2016 Available from CIR
Quaternium-90 Sepiolite	SQ	The CIR Expert Panel concluded that the aluminum clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Quaternium-90 Sepiolite...	Final Report 4/2016 Available from CIR
Raffinose Isoseartrate	S		UT 40(Suppl 2):52-116,2021
Raffinose Myristate	S		UT 40(Suppl 2):52-116,2021
Raffinose Oleate	S		UT 40(Suppl 2):52-116,2021
Rapeseed Acid	S		UT 36(Suppl. 3):51-129, 2017
Rapeseed Oil PEG-20 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Rapeseed Oil PEG-20 Esters...	UT 33(Suppl 4):13-39, 2014
Rapeseed Oil PEG-3 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Rapeseed Oil PEG-3 Esters...	UT 33(Suppl 4):13-39, 2014
Raspberry Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Raspberry Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Resorcinol	S		JACT 5(3):167-203, 1986; IJT 27(Suppl. 1):77-142, 2008
Retinol	S		JACT 6(3):279-320, 1987; IJT 27(Suppl. 1):77-142, 2008; IJT 36(Suppl 2):14-58, 2017
Retinyl Palmitate	S		JACT 6(3):279-320, 1987; IJT 27(Suppl. 1):77-142, 2008; IJT 36(Suppl 2):14-58, 2017
Rhamnose	S		UT 38(S1):5-38,2019
Rhizobian Gum	S		UT 35(Suppl. 1):5-49, 2016
Rhodymenia Palmata Extract	I	The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	Final Report Available from CIR 09/2021
Ribes Nigrum (Black Currant) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017

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Ingredient	Finding*	Conclusion	Citation†
Ribes Rubrum (Currant) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Ribose	S		UT 38(S1):5-38,2019
Rice (Oryza Sativa) Bran	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Bran Extract	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Bran Oil	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006;UT 36(Suppl. 3):51-129, 2017
Rice (Oryza Sativa) Extract	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Germ Oil	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006;UT 36(Suppl. 3):51-129, 2017
Rice (Oryza Sativa) Powder	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Starch	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Wax	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Rice Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Rice Bran Acid	S		Final report 02/15/2000;Final report 06/05/2001;UT 25(Suppl. 2):91-120, 2006 ;UT 36(Suppl. 3):51-129, 2017
Rice Bran Oil Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Rice Bran Oil Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Ricebranamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Ricebranamide DEA...	UT 32(Suppl. 1):36-58, 2013
Ricinoleamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Ricinoleamide DEA...	UT 32(Suppl. 1):36-58, 2013
Ricinoleamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Ricinoleamide MEA...	UT 34(Suppl.1):18-34, 2015
Ricinoleamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Ricinoleamide MIPA...	Final Report 12/2019 Available from CIR
Ricinoleamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Ricinoleamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Ricinoleamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Ricinoleamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Ricinoleic Acid	S		UT 26(Suppl. 3):31-77, 2007
Ricinoleic/Caproic/Caprylic/Capric Triglyceride	S		Final Report 12/2017 Available from CIR
Ricinus Communis (Castor) Seed Oil	S		UT 26(Suppl. 3):31-77, 2007
Rosa Canina Bud Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Bud Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Flower	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Flower...	Final Report 4/2017 Available from CIR
Rosa Canina Flower Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Flower Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Flower Oil	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Flower Oil...	Final Report 4/2017 Available from CIR
Rosa Canina Flower Powder	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Flower Powder...	Final Report 4/2017 Available from CIR
Rosa Canina Fruit	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Fruit...	Final Report 4/2017 Available from CIR
Rosa Canina Fruit Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Fruit Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Fruit Juice	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Fruit Juice...	Final Report 4/2017 Available from CIR
Rosa Canina Fruit Oil	S		UT 36(Suppl. 3):51-129, 2017
Rosa Canina Leaf Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Leaf Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Seed	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Seed...	Final Report 4/2017 Available from CIR
Rosa Canina Seed Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Seed Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Seed Powder	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Seed Powder...	Final Report 4/2017 Available from CIR
Rosa Rubiginosa Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Rosa Rubiginosa Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Rosmarinus Officinalis (Rosemary) Extract	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Extract...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Flower Extract	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Flower Extract...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Flower/Leaf/Stem Extract	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Flower/Leaf/Stem Extract...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Flower/Leaf/Stem Water	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Flower/Leaf/Stem Water...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf Extract	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf Extract...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf Oil	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf Oil...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf Powder	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf Powder...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf Water	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf Water...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Water	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Water...	Final Report 6/2014 Available from CIR
Rubus Chamaemorus Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Rubus idaeus (Raspberry) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Saccharide Hydrolysate	S		Final Report Available from CIR 09/2021
Saccharide Isomerate	S		Final Report Available from CIR 09/2021
Saccharina Angustata Extract	S		Final Report 09/2019 Available from CIR
Saccharina Japonica Extract	S		Final Report 09/2019 Available from CIR
Saccharina Longicruris Extract	S		Final Report 09/2019 Available from CIR
Safflower Acid	S		UT 36(Suppl. 3):51-129, 2017
Safflower Oil	S		JACT 4(5):171-197, 1985 ;JIT 25(Suppl. 2) :1-89,2006;JIT 36(Suppl. 3):51-129, 2017
Safflower Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Safflower Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Safflower Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Safflower Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Salicylic Acid	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Salicylic Acid... The Expert Panel for Cosmetic Ingredient Safety concluded that the available data are insufficient to make a determination under the intended conditions of use in cosmetic formulations.	UT 22(Suppl 3):1-108, 2003;Final Report 04/2019 Available from CIR
Sarcodiothea Gaudichaudii Extract	I		Final Report Available from CIR 09/2021
Sargassum Filipendula Extract	S		Final Report 09/2019 Available from CIR
Sargassum Fulvellum Extract	S		Final Report 09/2019 Available from CIR
Sargassum Fusiforme Extract	S		Final Report 09/2019 Available from CIR
Sargassum Glaucoscens Extract	S		Final Report 09/2019 Available from CIR
Sargassum Horneri Extract	S		Final Report 09/2019 Available from CIR
Sargassum Muticum Extract	S		Final Report 09/2019 Available from CIR
Sargassum Pallidum Extract	S		Final Report 09/2019 Available from CIR
Sargassum Silliquastrum Extract	S		Final Report 09/2019 Available from CIR
Sargassum Thunbergii Extract	S		Final Report 09/2019 Available from CIR
Sargassum Vulgare Extract	S		Final Report 09/2019 Available from CIR
Schinziohyton Rautanenii Kernel Oil	S		UT 36(Suppl. 3):51-129, 2017
Schinziohyton Rautanenii Kernel Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Schinziohyton Rautanenii Kernel Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Schinziohyton Rautanenii Kernel Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Schinziohyton Rautanenii Kernel Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Sclerocarya Birrea Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Sclerocarya Birrea Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sclerocarya Birrea Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Sclerocarya Birrea Seed Oil Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sclerocarya Birrea Seed Oil Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Sclerocarya Birrea Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sclerocarya Birrea Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Sclerotium Gum	S		UT 35(Suppl. 1):5-49, 2016
Scutellaria Baicalensis Extract	S		Final Report 09/2020 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
		The Panel also concluded that the available data are insufficient to make a determination that <i>Scutellaria Baicalensis</i> Root Extract is safe under the intended conditions of use in cosmetic	
Scutellaria Baicalensis Root Extract	I		Final Report 09/2020 Available from CIR
Scutellaria Baicalensis Root Powder	S		Final Report 09/2020 Available from CIR
		The Panel also concluded that the available data are insufficient to make a determination that <i>Scutellaria Baicalensis</i> Sprout Extract is safe under the intended conditions of use in cosmetic formulations.	
Scutellaria Baicalensis Sprout Extract	I		Final Report 09/2020 Available from CIR
SD Alcohol 3-A	S		IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 30	S		IJT 27(Suppl. 1):1-43, 2008
		The CIR Expert Panel concluded that the available data are insufficient to support the safety of ...SD Alcohol 39...denatured with Quassin, Brucine, and Brucine Sulfate in cosmetic products...	
SD Alcohol 39	Z		IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 39-B	S		IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 39-C	S		IJT 27(Suppl. 1):1-43, 2008
		The CIR Expert Panel concluded that the available data are insufficient to support the safety of ...SD Alcohol 40 denatured with Quassin, Brucine, and Brucine Sulfate in cosmetic products, and that the available data are insufficient to support the safety of Quassin, Brucine, and Brucine Sulfate as denaturants.	
SD Alcohol 40	UNS		IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 40-B	S		IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 40-C	S		IJT 27(Suppl. 1):1-43, 2008
Sebacic Acid	S		IJT 31(Suppl. 1):5-76, 2012
Sericin	S		IJT 39(S3):127-144,2020
Serine	S		IJT 32(Suppl. 4):41-64, 2013
Sesame Amino Acids	S		IJT 33(Suppl.4):5-12, 2014
Sesame Oil	S		JACT 12(3):261-277, 1993 ;IJT 30(Suppl. 1):40-53, 2011 ;IJT 36(Suppl. 3):51-129, 2017
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sesame Oil Polyglyceryl-6 Esters...	
Sesame Oil Polyglyceryl-6 Esters	SQ		Final Report 9/2016 Available from CIR
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sesame Seed Oil PEG-8 Esters...	
Sesame Seed Oil PEG-8 Esters	SQ		IJT 33(Suppl. 4):13-39, 2014
		The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Sesamide DEA...	
Sesamide DEA	SQ		IJT 32(Suppl. 1):36-58, 2013
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Sesamidopropyl Betaine...	
Sesamidopropyl Betaine	SQ		IJT 31(Suppl. 1):77-111, 2012
		The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Sesamidopropyl Dimethylamine...	
Sesamidopropyl Dimethylamine	SQ		IJT 38(S1):39-69,2019
Sesamum indicum (Sesame) Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Sesamum indicum (Sesame) Seed Butter	S		IJT 36(Suppl. 3):51-129, 2017
Sesamum indicum (Sesame) Seed Oil	S		JACT 12(3):261-277, 1993 ;IJT 30(Suppl. 1):40-53, 2011 ;IJT 36(Suppl. 3):51-129, 2017
		The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Shea Butter Glyceride...	
Shea Butter Glyceride	SQ		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Shea Butter Glycerides...	
Shea Butter Glycerides	SQ		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Shea Butter Polyglyceryl-3 Esters...	
Shea Butter Polyglyceryl-3 Esters	SQ		Final Report 9/2016 Available from CIR
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Shea Butter Polyglyceryl-4 Esters...	
Shea Butter Polyglyceryl-4 Esters	SQ		Final Report 9/2016 Available from CIR
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Shea Butter Polyglyceryl-6 Esters...	
Shea Butter Polyglyceryl-6 Esters	SQ		Final Report 9/2016 Available from CIR
		The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Shea Butteramide/Castoramide DEA...	
Shea Butteramide/Castoramide DEA	SQ		IJT 32(Suppl. 1):36-58, 2013
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Shea Butteramidopropyl Betaine...	
Shea Butteramidopropyl Betaine	SQ		IJT 31(Suppl. 1):77-111, 2012
		The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Shea oleine...	
Shea oleine	SQ		Final Report 9/2017 Available from CIR
		Based on the animal and clinical data included in this report, the CIR Expert Panel concludes that cosmetic grade Shellac is safe for use in cosmetic formulations at concentrations up to 6 percent.	
Shellac	SQ		JACT 5(5):309-327, 1986; IJT 30(Suppl. 2):73-127, 2011
		Note: In 2006, the CIR Expert Panel considered available new data on this ingredient and confirmed the above conclusion.	
		The Panel concluded that synthetically-manufactured amorphous Silica ... safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating.	
Silica	SQ		Final Report 09/2019 Available from CIR
		The CIR Expert Panel concluded that silica silylate, silica dimethyl silylate, trimethylsiloxyisilicate, and trifluoropropyl(dimethyl)trimethylsiloxyisilicate are safe in the present practices of use and concentration described in this safety assessment when formulated and delivered in the final product not to be irritating or sensitizing to the respiratory tract.	
Silica Dimethyl Silylate	SQ		IJT 32(Suppl. 1):5-24, 2013
		The CIR Expert Panel concluded that silica silylate, silica dimethyl silylate, trimethylsiloxyisilicate, and trifluoropropyl(dimethyl)trimethylsiloxyisilicate are safe in the present practices of use and concentration described in this safety assessment when formulated and delivered in the final product not to be irritating or sensitizing to the respiratory tract.	
Silica Silylate	SQ		IJT 32(Suppl. 1):5-24, 2013
Silicone Quaternium-16/Glycidoxy Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Silk	S		IJT 39(S3):127-144,2020

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Silk Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Silk Extract	S		UT 39(S3):127-144,2020
Silk Powder	S		UT 39(S3):127-144,2020
Silkworm Cocoon Extract	UNS	The Panel also concluded that the available data are insufficient for determining the safety of two silk protein ingredients in cosmetic products... Silkworm Cocoon Extract.	UT 39(S3):127-144,2020
Silver Borosilicate	S		UT 32(Suppl. 3):65-72, 2013
Silybum Marianum Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Simmondsia Chinensis (Jojoba) Butter	S		Final Report 9/2008 Available from CIR
Simmondsia Chinensis (Jojoba) Seed Oil	S		JACT 11(1):57-74, 1992;Final Report 9/2008 Available from CIR
Simmondsia Chinensis (Jojoba) Seed Wax	S		JACT 11(1):57-74, 1992;Final Report 9/2008 Available from CIR
Sodium Acetate	S		UT 31(Suppl. 1):112-136, 2012
Sodium Acrylate/Acrolein Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylate/Acrolein Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Sodium Acrylate/Acryloyldimethyltaurate/Dimethylacrylamide Crosspolymer	S		Final Report 4/2017 Available from CIR
Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	S		Final Report 4/2017 Available from CIR
Sodium Acrylate/Sodium Acryloyldimethyl Taurate/Acrylamide Copolymer	S		Final Report 4/2017 Available from CIR
Sodium Acrylate/Vinyl Alcohol Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylate/Vinyl Alcohol Copolymer...	Final Report 12/2018 Available from CIR
Sodium Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Sodium Acrylates Crosspolymer-2	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates Crosspolymer-2...	UT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Sodium Acrylates/Acrolein Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/Acrolein Copolymer...	UT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Sodium Acrylates/Beheneth-25 Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/Beheneth-25 Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Sodium Acrylates/C10-30 Alkyl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/C10-30 Alkyl Acrylate Crosspolymer...	UT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Sodium Acrylates/Ethylhexyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/Ethylhexyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Sodium Acrylates/Vinyl Isodecanoate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/Vinyl Isodecanoate Crosspolymer...	UT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Sodium Acryloyl Dimethyl Taurate/PEG-8 Diacrylate Crosspolymer	S		Final Report 4/2017 Available from CIR
Sodium Acryloyldimethyl Taurate/Acrylamide/VP Copolymer	S		Final Report 4/2017 Available from CIR
Sodium Acryloyldimethyltaurate/Methacrylamidolauric Acid Copolymer	S		Final Report 4/2017 Available from CIR
Sodium Acryloyldimethyltaurate/VP Crosspolymer	S		Final Report 12/2018 Available from CIR
Sodium Algin Sulfate	S		Final Report 9/2015 Available from CIR
Sodium Arganate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Arganate...	Final Report 04/2019 Available from CIR
Sodium Ascorbate	S		UT 24(Suppl. 2):51-111, 2005
Sodium Ascorbyl Glucoside	S		Final Report 09/2020 Available from CIR
Sodium Ascorbyl Phosphate	S		UT 24(Suppl. 2):51-111, 2005
Sodium Aspartate	S		UT 32(Suppl. 4):41-64, 2013
Sodium Astrocaryum Murumuru	S		UT 36(Suppl. 3):51-129, 2017
Sodium Avocadoate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Babassuate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Beeswax	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Beeswax...	Final Report 04/2019 Available from CIR
Sodium Behenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Behenate...	Final Report 04/2019 Available from CIR
Sodium Behenoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Behenoyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Benzoate	S		UT 20(suppl 3):23-50, 2001; UT 36(Suppl. 3):5-30, 2017
Sodium Benzotriazolyl Butylphenol Sulfonate	S		Final Report 3/2015 Available from CIR
Sodium Bicarbonate	S		JACT 6(1):121-138, 1987; UT 25(Suppl. 2) :1-89,2006
Sodium Bisulfite	S		UT 22(Suppl. 2):63-88, 2003
Sodium Borate	SQ	The Expert Panel concludes that Sodium Borate and Boric Acid, in concentrations less than or equal to 5 percent, are safe as cosmetic ingredients when used as currently recommended; however, cosmetic formulations containing free Sodium Borate or Boric Acid at this concentration should not be used on infant skin or injured skin. Note: In 2003, the CIR Expert Panel considered available new data on these ingredients and reaffirmed the above conclusion.	JACT 2(7):87-125, 1983; UT 25(Suppl. 2) :1-89,2006
Sodium Bromate	SQ	Based upon the data included in this report the CIR Expert Panel concludes that Sodium Bromate and Potassium Bromate may be used in cosmetic permanent wave formulations at concentrations not to exceed 10.17%, measured as Sodium Bromate.	JACT 13(5):400-414, 1994; UT 30(Suppl. 2):73-127, 2011
Sodium Butyl Ester of PVM/MA Copolymer	S		UT 30(Suppl. 2):128-144, 2011
Sodium Butylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Butylparaben...	UT 39(S1):5-97,2020
Sodium C10-15 Pareth Sulfate	S		UT 29(Suppl. 3) :151-161,2010
Sodium C12-13 Pareth Sulfate	S		UT 29(Suppl. 3) :151-161,2010
Sodium C12-14 Olefin Sulfonate	SQ	Based on the available data the CIR Expert Panel concludes Sodium α -Olefin Sulfonates (of chain lengths C12-14, C14-16, C14-18 and C16-18) to be safe as used in rinse-off products and safe up to 2% in leave-on products. The concentration of the gamma sultone impurity of any formulation (leave-on or rinse-off) is limited to: unsubstituted alkane sultones =10 ppm; chlorosultones ≤ 1 ppm and unsaturated sultones ≤ 0.1 ppm.	UT 17(S5):39-65, 1998

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Sodium C12-15 Parath Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Sodium C14-16 Olefin Sulfonate	SQ	Based on the available data the CIR Expert Panel concludes Sodium a-Olefin Sulfonates (of chain lengths C12-14, C14-16, C14-18 and C16-18) to be safe as used in rinse-off products and safe up to 2% in leave-on products. The concentration of the gamma sultone impurity of any formulation (leave-on or rinse-off) is limited to: unsubstituted alkane sultones =10 ppm; chlorosultones ≤ 1 ppm and unsaturated sultones ≤ 0.1 ppm.	IJT 17(S5):39-65, 1998
Sodium C14-18 Olefin Sulfonate	SQ	Based on the available data the CIR Expert Panel concludes Sodium a-Olefin Sulfonates (of chain lengths C12-14, C14-16, C14-18 and C16-18) to be safe as used in rinse-off products and safe up to 2% in leave-on products. The concentration of the gamma sultone impurity of any formulation (leave-on or rinse-off) is limited to: unsubstituted alkane sultones =10 ppm; chlorosultones ≤ 1 ppm and unsaturated sultones ≤ 0.1 ppm.	IJT 17(S5):39-65, 1998
Sodium C16-18 Olefin Sulfonate	SQ	Based on the available data the CIR Expert Panel concludes Sodium a-Olefin Sulfonates (of chain lengths C12-14, C14-16, C14-18 and C16-18) to be safe as used in rinse-off products and safe up to 2% in leave-on products. The concentration of the gamma sultone impurity of any formulation (leave-on or rinse-off) is limited to: unsubstituted alkane sultones =10 ppm; chlorosultones ≤ 1 ppm and unsaturated sultones ≤ 0.1 ppm.	IJT 17(S5):39-65, 1998
Sodium Camellia Japonica Seedate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Camellia Japonica Seedate...	Final Report 04/2019 Available from CIR
Sodium Caprate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Caprate...	Final Report 04/2019 Available from CIR
Sodium Caproyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Caproyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Caproyl Methyltaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Caproyl Methyltaurate...	Final Report 12/2015 Available from CIR
Sodium Caproyl Prolineate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Caproyl Prolineate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Caproyl/Lauroyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Caproyl/Lauroyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Caprylate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Caprylate...	Final Report 04/2019 Available from CIR
Sodium Capryloyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Capryloyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Carbomer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Carbomer...	Final Report 12/2018 Available from CIR
Sodium Carbonate	S		JACT 6(1):121-138, 1987; IJT 25(Suppl. 2) :1-89,2006
Sodium Carboxymethyl Beta-Glucan	S		IJT 35(Suppl. 1):5-49, 2016
Sodium Carboxymethyl Dextran	S		IJT 35(Suppl. 1):5-49, 2016
Sodium Carboxymethyl Inulin	S		Final Report 9/2015 Available from CIR
Sodium Carboxymethyl Starch	S		Final Report 9/2015 Available from CIR
Sodium Carrageenan	S		Final Report 9/2015 Available from CIR
Sodium Caseinate	S		Final Report 9/2017 Available from CIR
Sodium Castorate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Castorate...	Final Report 04/2019 Available from CIR
Sodium Cellulose Sulfate	S		Final Report 3/2009 Available from CIR
Sodium Cetearyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Cetyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Citrate	S		IJT 33(Suppl. 2):16-46, 2014
Sodium Coceth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Sodium Coco-Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Coco/Hydrogenated Tallow Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Cocoa Butterate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Cocoamphoacetate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Sodium Cocoamphopropionate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Sodium Cocoate	S		IJT 30(Suppl. 1):5-16, 2011; IJT 36(Suppl. 3):51-129, 2017
Sodium Cocomonoglyceride Sulfate	S		IJT 30(Suppl. 1):5-16, 2011
Sodium Cocoyl Alaninate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Alaninate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Apple Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Apple Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Barley Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Barley Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Collagen Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Glycinate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Glycinate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Isethionate...	JACT 12(5):459-479, 1993; IJT 36(Suppl. 1):5-16, 2017
Sodium Cocoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Cocoyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Cocoyl Oat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Oat Amino Acids...	IJT 36(Suppl. 1):17-56, 2017

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Ingredient	Finding ^f	Conclusion	Citation [†]
Sodium Cocoyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Proline...	UT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Cocoyl Sarcosinate...	UT 20(S1):1-14, 2001; UT 40(S2):117-133, 2021
Sodium Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Cocoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Cocoyl Threoninate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Threoninate...	UT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Wheat Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl/Hydrogenated Tallow Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl/Hydrogenated Tallow Glutamate...	UT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl/Palmoyl/Sunfloweroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl/Palmoyl/Sunfloweroyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Sodium Cumenesulfonate	SQ	Sodium Cumenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	UT 30(Suppl. 3):270-283, 2011
Sodium Cupheoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Cupheoyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Deceth Sulfate	S		UT 29(Suppl. 3) :151-161,2010
Sodium Decyl Sulfate	S		UT 29(Suppl. 2):115-132, 2010
Sodium Decylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	JACT 12(3):279-309, 1993; IJT 29(Suppl. 4):288-305, 2010
Sodium Dehydroacetate	S		JACT 4(3):123-159, 1985; IJT 27(Suppl. 1):77-142, 2008
Sodium Dextran Sulfate	S		UT 35(Suppl. 1):5-49, 2016
Sodium Dextrin Octenylsuccinate	S		Final Report 9/2015 Available from CIR
Sodium Dilinoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Dilinoleate...	Final Report 04/2019 Available from CIR
Sodium Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	JACT 12(3):279-309, 1993; IJT 29(Suppl. 4):288-305, 2010
Sodium Erythorbate	S		UT 18(S3):1-26, 1999
Sodium Ethyl Ester of PVM/MA Copolymer	S		UT 30(Suppl. 2):128-144, 2011
Sodium Ethylhexyl Sulfate	S		UT 29(Suppl. 2):115-132, 2010
Sodium Ethylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Ethylparaben...	UT 39(S1):5-97,2020
Sodium Formate	SQ	The CIR Expert Panel concluded that formic acid and sodium formate are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-irritating.	UT 35(Suppl. 2):41-54, 2016
Sodium Fumarate	S		Final Report 3/2009 Available from CIR
Sodium Gluconate	S		UT 38(S1):5-38,2019
Sodium Glutamate	S		UT 32(Suppl. 4):41-64, 2013
Sodium Glycinate	S		UT 32(Suppl. 4):41-64, 2013
Sodium Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Sodium Glycolate...	UT 17(S1):1-244, 1998; IJT 36(Suppl 2):14-58, 2017
Sodium Grapeseedate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Hexametaphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Hexametaphosphate...	Final Report 9/2016 Available from CIR
Sodium Hyaluronate	S		UT 28(Suppl. 1):5-67, 2009
Sodium Hydrogenated Cocoate	S		UT 30(Suppl. 1):5-16, 2011; IJT 36(Suppl. 3):51-129, 2017
Sodium Hydrogenated Cocoyl Methyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Hydrogenated Cocoyl Methyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Hydrogenated Palmate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Hydrogenated Tallowate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Hydrogenated Tallowate...	Final Report 04/2019 Available from CIR
Sodium Hydrogenated Tallowoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Hydrogenated Tallowoyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Sodium Hydrolyzed Casein	S		Final Report 9/2017 Available from CIR
Sodium Hydrolyzed Potato Starch Dodecylsuccinate	S		Final Report 9/2015 Available from CIR
Sodium Hydroxide	SQ	The CIR Expert Panel concluded that ... Sodium Hydroxide is safe in hair straighteners and depilatories under conditions of recommended use; users should minimize skin contact. Á These ingredients are safe for all other present practices of use and concentration described in this safety assessment when formulated to be nonirritating.	UT 40(Suppl 2):16-35,2021
Sodium Hydroxypropyl Oxidized Starch Succinate	S		Final Report 9/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Sodium Hydroxystearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Hydroxystearate...	Final Report 04/2019 Available from CIR
Sodium Iodate	Z	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude whether Sodium Iodate is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 14(3):231-239, 1995
Sodium Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Isobutylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Isobutylparaben...	UT 39(S1):5-97,2020
Sodium Isopropylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Isopropylparaben...	UT 39(S1):5-97,2020
Sodium Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Isostearate...	Final Report 04/2019 Available from CIR
Sodium Isostearoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Isostearoyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Sodium Lactate...	UT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Sodium Laneth Sulfate	S		UT 29(Suppl. 3) :151-161,2010; IJT 24(Suppl. 1):1-102, 2005; JACT 2(5):1-34, 1983
Sodium Lanolate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Lanolate...	Final Report 04/2019 Available from CIR
Sodium Lardate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Lardate...	Final Report 04/2019 Available from CIR
Sodium Lauraminopropionate	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Sodium Lauraminopropionate and Sodium Lauriminodipropionate for use in cosmetics.	UT 16(S1):1-9, 1997
Sodium Laurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Laurate...	Final Report 04/2019 Available from CIR
Sodium Laurate/Linoleate/Oleate/Palmitate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Laurate/Linoleate/Oleate/Palmitate...	Final Report 04/2019 Available from CIR
Sodium Laureth Sulfate	S		UT 29(Suppl. 3) :151-161,2010; IJT 24(Suppl. 1):1-102, 2005; JACT 2(5):1-34, 1983
Sodium Lauriminodipropionate	S		UT 16(S1):1-9, 1997; IJT 32(Suppl. 3):49-55, 2013
Sodium Lauroyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Aspartate...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Collagen Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Lauroyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Lauroyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Lauroyl Methyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Methyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Lauroyl Millet Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Millet Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Oat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Oat Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Lauroyl Sarcosinate...	UT 20(S1):1-14, 2001; IJT 40(S2):117-133,2021
Sodium Lauroyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Silk Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Lauroyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Lauroyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Wheat Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl/Myristoyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl/Myristoyl Aspartate...	UT 36(Suppl. 1):17-56, 2017

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Sodium Lauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Sodium Lauryl Phosphate...	UT 38(S2):12-32,2019
Sodium Lauryl Sulfate	SQ	Sodium Lauryl Sulfate and Ammonium Lauryl Sulfate appear to be safe in formulations designed for discontinuous, brief use followed by thorough rinsing from the surface of the skin. In products intended for prolonged contact with skin, concentrations should not exceed 1%.	JACT 2(7):127-181, 1983; IJT 24(Suppl. 1):1-102, 2005
Sodium Lauryl Sulfoacetate	S		JACT 6(3):261-277, 1987; IJT 25(Suppl. 2) :1-89,2006
Sodium Levulinate	S		Final Report Available from CIR 09/2021
Sodium Linoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Linoleate...	Final Report 04/2019 Available from CIR
Sodium m-Nitrobenzenesulfonate	Z	The CIR Expert Panel concludes that the data available on Sodium m-Nitrobenzenesulfonate are insufficient to support the safety of this ingredient as used in cosmetic products.	JACT 15(4):337-347, 1996
Sodium Macadamiasedate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Magnesium Silicate	S		UT 22(Suppl. 1):37-102, 2003
Sodium Malate	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Malic Acid and Sodium Malate are safe for use as pH adjusters in cosmetic formulations. The Expert Panel determined that the data are insufficient to determine the safety of these ingredients for any other functions.	UT 20(S1):47-55, 2001
Sodium Manganeseedate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Mannose Phosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed below are safe under the intended conditions of use in cosmetic formulations...Sodium Mannose Phosphate...	Final Report 10/2018 Available from CIR
Sodium Metabisulfite	S		UT 22(Suppl. 2):63-88, 2003
Sodium Metaphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Metaphosphate...	Final Report 9/2016 Available from CIR
Sodium Metasilicate	S		UT 24(S1):103-117, 2005
Sodium Methacrylate/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Sodium Methyl Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Cocoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Methyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Methyl Lauroyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Lauroyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Myristoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Myristoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Oleoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Oleoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Palmitoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Palmitoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Stearoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Stearoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Methylparaben...	UT 39(S1):5-97,2020
Sodium Methyltaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyltaurate...	Final Report 12/2015 Available from CIR
Sodium Methyltaurate Isopalmitamide	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyltaurate Isopalmitamide...	Final Report 12/2015 Available from CIR
Sodium Methyltaurine Cocoyl Methyltaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyltaurine Cocoyl Methyltaurate...	Final Report 12/2015 Available from CIR
Sodium Myreth Sulfate	S		UT 29(Suppl. 3) :151-161,2010;JACT 11(1):157-163, 1992
Sodium Myristate	S		UT 29(Suppl. 3):162-186,2010
Sodium Myristoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Myristoyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Sodium Myristoyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Myristoyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Myristoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Myristoyl Sarcosinate...	UT 20(S1):1-14, 2001;IJT 40(S2):117-133,2021
Sodium Myristyl Sulfate	S		UT 29(Suppl. 2):115-132, 2010
Sodium N-Isostearoyl Methyltaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium N-Isostearoyl Methyltaurate...	Final Report 12/2015 Available from CIR
Sodium Naphthalenesulfonate	SQ	On the basis of the available data, the CIR Panel concludes that Sodium Polynaphthalenesulfonate and Sodium Naphthalenesulfonate are safe as used in cosmetic formulations intended to be applied to the skin. The available data, however, are insufficient to support the safety for use in cosmetic products which may contact mucous membranes or be ingested.	Final Report 3/1999 Available from CIR;IJT 22(Suppl. 2):37-44, 2003
Sodium Octoxynol-2 Ethane Sulfonate	SQ	The Panel also concluded that ... Sodium Octoxynol-2 Ethane Sulfonate is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	UT 23(Suppl. 1):59-111, 2004
Sodium Octoxynol-2 Sulfate	SQ	The Panel also concluded that ... Sodium Octoxynol-2 Sulfate is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	UT 23(Suppl. 1):59-111, 2004
Sodium Octoxynol-6 Sulfate	SQ	The Panel also concluded that Sodium Octoxynol-6 Sulfate is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	UT 23(Suppl. 1):59-111, 2004

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Ingredient	Finding†	Conclusion	Citation‡
Sodium Octoynol-9 Sulfate	S		UT 23(Suppl. 1):59-111, 2004
Sodium Oleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Oleate...	Final Report 04/2019 Available from CIR
Sodium Oleoyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Oleoyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Oleoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Oleoyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Oleoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Oleoyl Sarcosinate...	UT 40(S2):117-133,2021
Sodium Oleth Sulfate	S		UT 29(Suppl. 3):151-161,2010
Sodium Oleyl Methyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Oleyl Methyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Oleyl Sulfate	S		UT 29(Suppl. 2):115-132, 2010
Sodium Oliviate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Olivoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Olivoyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Sodium Oxidized Starch Acetate/Succinate	S		Final Report 9/2015 Available from CIR
Sodium p-Chloro-m-Cresol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	UT 25(Suppl. 1):29-127, 2006
Sodium Palm Kernelate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Palm Kerneloyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Palm Kerneloyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Palmate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Palmitate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Palmitate...	Final Report 04/2019 Available from CIR
Sodium Palmitoyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Palmitoyl Proline...	UT 36(Suppl. 1):17-56, 2017
Sodium Palmitoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Palmitoyl Sarcosinate...	UT 40(S2):117-133,2021
Sodium Palmoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Palmoyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Sodium Pantothenate	S		Final Report 12/2017 Available from CIR
Sodium Paraben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8%...Sodium Paraben...	UT 39(S1):5-97,2020
Sodium PCA	SQ	The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 18(S2):25-34, 1999;UT 38(S2):5-11,2019
Sodium Peanutate	S		UT 36(Suppl. 3):51-129, 2017
Sodium PEG-50 Hydrogenated Castor Oil Succinate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sodium PEG-50 Hydrogenated Castor Oil Succinate...	UT 33(Suppl 4):13-39, 2014
Sodium Pentetate	S		UT 27(Suppl. 2):71-92, 2008
Sodium Persulfate	SQ; I	The CIR Expert Panel concluded that Ammonium, Potassium, and Sodium Persulfate are safe as used as oxidizing agents in hair colorants and hair lighteners designed for brief discontinuous use followed by thorough rinsing from the hair and skin. The Panel also concluded that the available data are insufficient for determining the safety of these persulfates in leave-on products and dentifrices.	UT 20(suppl 3):7-21, 2001;Final Report 12/2017 Available from CIR
Sodium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Phosphate...	UT 40(S1):34-85,2021
Sodium Phytate	S		Final Report 10/2018 Available from CIR
Sodium Picramate	S		JACT 11(4):447-464, 1992; IJT 28(Suppl. 3):205-216, 2009
Sodium Polyacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Polyacrylate...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
Sodium Polyacryloyldimethyl Taurate	S		Final Report 4/2017 Available from CIR
Sodium Polymethacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Polymethacrylate...	Final Report 12/2018 Available from CIR
Sodium Polynaphthalenesulfonate	SQ	On the basis of the available data, the CIR Panel concludes that Sodium Polynaphthalenesulfonate and Sodium Naphthalenesulfonate are safe as used in cosmetic formulations intended to be applied to the skin. The available data, however, are insufficient to support the safety for use in cosmetic products which may contact mucous membranes or be ingested.	Final Report 3/1999 Available from CIR;IJT 22(Suppl. 2):37-44, 2003
Sodium Polyphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Polyphosphate...	UT 40(S1):34-85,2021
Sodium Potassium Aluminum Silicate	S		Final Report 9/2009 Available from CIR
Sodium Propylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8%...Sodium Propylparaben...	UT 39(S1):5-97,2020
Sodium Rapeseedate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Ricinoleate	S		UT 26(Suppl. 3):31-77, 2007
Sodium Safflowerate	S		UT 36(Suppl. 3):51-129, 2017

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Ingredient	Finding*	Conclusion	Citation†
		The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Sodium Salicylate...	
Sodium Salicylate	SQ		UT 22(Suppl. 3):1-108, 2003;Final Report 04/2019 Available from CIR;
Sodium Sesameseedate	S		UT 30(Suppl. 1):40-53, 2011;UT 36(Suppl. 3):51-129, 2017
Sodium Sesquicarbonate	S		JACT 6(1):121-138, 1987; IJT 25(Suppl. 2) :1-89,2006
Sodium Silicate	S		UT 24(S1):103-117, 2005
Sodium Soyate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Starch Octenylsuccinate	S		Final Report 9/2015 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Stearate...	
Sodium Stearate	SQ		JACT 1(2):143-177, 1982;UT 22(Suppl. 1):1-35, 2003;Final Report 04/2019 Available from CIR
		The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Stearoyl Glutamate...	
Sodium Stearoyl Glutamate	SQ		UT 36(Suppl. 1):17-56, 2017
		The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Stearoyl Lactylate...	
Sodium Stearoyl Lactylate	SQ		Final Report 06/2019 Available from CIR
		The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Stearoyl Methyl Isethionate...	
Sodium Stearoyl Methyl Isethionate	SQ		UT 36(Suppl. 1):5-16, 2017
Sodium Stearyl Fumarate	S		Final Report 3/2009 Available from CIR
Sodium Stearyl Sulfate	S		UT 29(Suppl. 2):115-132, 2010
Sodium Styrene/Acrylates Copolymer	S		Final Report 9/2014 Available from CIR
Sodium Styrene/Acrylates/Ethylhexyl Acrylate/Lauryl Acrylate Copolymer	S		Final Report 9/2014 Available from CIR
Sodium Succinate	S		UT 31(Suppl 1):5-76, 2012
		The CIR Expert Panel concluded that Sodium Sulfate is safe in cosmetics in the present practices of use and concentrations described in this safety assessment when formulated to be non-irritating.	
Sodium Sulfate	SQ		UT 19(S1):77-87, 2000;UT 40(S1):86-94,2021
Sodium Sulfite	S		UT 22(Suppl. 2):63-88, 2003
Sodium Sweet Almondate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Tallate	S		UT 28(Suppl. 3):252-258, 2009
Sodium Tallow Sulfate	S		UT 29(Suppl. 2):115-132, 2010
		The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Tallowate...	
Sodium Tallowate	SQ		Final Report 04/2019 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Tamanuseedate...	
Sodium Tamanuseedate	SQ		Final Report 04/2019 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Taurate...	
Sodium Taurate	SQ		Final Report 12/2015 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Taurine Cocoyl Methyltaurate...	
Sodium Taurine Cocoyl Methyltaurate	SQ		Final Report 12/2015 Available from CIR
Sodium Theobroma Grandiflorum Seedate	S		UT 36(Suppl. 3):51-129, 2017
		Based on the available data, the CIR Expert Panel concluded that ... Sodium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure. Sodium Thioglycolate in depilatories is safe when formulated to be non-irritating under conditions of recommended use.	
Sodium Thioglycolate	SQ		UT 28(Suppl. 1):68-133, 2009
Sodium Tocopheryl Phosphate	S		Final Report 3/2014 Available from CIR
		Sodium Toluenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	
Sodium Toluenesulfonate	SQ		UT 30(Suppl. 3):270-283, 2011
Sodium Trideceth Sulfate	S		UT 29(Suppl. 3) :151-161,2010
Sodium Tridecyl Sulfate	S		UT 29(Suppl. 2):115-132, 2010
		Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	
Sodium Tridecylbenzenesulfonate	SQ		UT 29(Suppl. 4):288-305, 2010
		The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Trimetaphosphate...	
Sodium Trimetaphosphate	SQ		Final Report 9/2016 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Undecylenate...	
Sodium Undecylenate	SQ		Final Report 04/2019 Available from CIR
		The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Undecylenoyl Glutamate...	
Sodium Undecylenoyl Glutamate	SQ		UT 36(Suppl. 1):17-56, 2017
		Sodium Xylenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	
Sodium Xylenesulfonate	SQ		UT 30(Suppl. 3):270-283, 2011
		The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Sodium/TEA C12-13 Pareth-3 Sulfate...	
Sodium/TEA C12-13 Pareth-3 Sulfate	SQ		UT 32(Suppl. 1):59-83, 2013
		The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium/TEA-Lauroyl Collagen Amino Acids...	
Sodium/TEA-Lauroyl Collagen Amino Acids	SQ		UT 36(Suppl. 1):17-56, 2017
		The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium/TEA-Lauroyl Keratin Amino Acids...	
Sodium/TEA-Lauroyl Keratin Amino Acids	SQ		UT 36(Suppl. 1):17-56, 2017
Sodium/TEA-Undecylenoyl Alginate	S		Final Report 9/2015 Available from CIR
Sodium/TEA-Undecylenoyl Carrageenan	S		Final Report 9/2015 Available from CIR

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Sorbeth-450 Tristearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-450 Tristearate...	Final Report 6/2015 Available from CIR
Sorbeth-50 Hexaoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-50 Hexaoleate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
Sorbeth-50 Pentaisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-50 Pentaisostearate...	Final Report 6/2015 Available from CIR
Sorbeth-50 Tetraisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-50 Tetraisostearate...	Final Report 6/2015 Available from CIR
Sorbeth-6 Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-6 Beeswax...	IJT 20(suppl 4):27-38, 2001;Final Report 6/2015 Available from CIR
Sorbeth-6 Hexastearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-6 Hexastearate...	Final Report 6/2015 Available from CIR
Sorbeth-6 Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-6 Laurate...	Final Report 6/2015 Available from CIR
Sorbeth-6 Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-6 Tetraoleate...	Final Report 6/2015 Available from CIR
Sorbeth-60 Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-60 Tetraoleate...	Final Report 6/2015 Available from CIR
Sorbeth-60 Tetrastearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-60 Tetrastearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
Sorbeth-8 Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-8 Beeswax...	IJT 20(suppl 4):27-38, 2001;Final Report 6/2015 Available from CIR
Sorbic Acid	S		JACT 7(6):837-880, 1988; IJT 27(Suppl. 1):77-142, 2008
Sorbitan Caprylate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Cocoate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Diisostearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Dioleate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Distearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Isostearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Laurate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Oleate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Oliviate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Palmitate	S		IJT 38(S2):60-80,2019
Sorbitan Palmitate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Sesquicaprylate	S		IJT 38(S2):60-80,2019
Sorbitan Sesquiosostearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Sesquioleate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Sesquistearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Stearate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Trisostearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Trioleate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Tristearate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Undecylenate	S		IJT 38(S2):60-80,2019
Sorbitol	S		Final Report 12/2019 Available from CIR
Soy Acid	S		IJT 36(Suppl. 3):51-129, 2017
Soy Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Soy Sterol Acetate	S		Final Report 12/2013 Available from CIR
Soyamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Soyamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Soyamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Soyamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Soyamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Soyamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Soybean Oil PEG-20 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Soybean Oil PEG-20 Esters...	IJT 33(Suppl 4):13-39, 2014
Soybean Oil PEG-36 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Soybean Oil PEG-36 Esters...	IJT 33(Suppl 4):13-39, 2014
Soybean Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Soybean Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Soybean Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Soybean Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Soybean Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Soybean Oil Propylene Glycol Esters...	Final Report 12/2014 Available from CIR
Soytrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Soytrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Sphacelaria Scoparia Extract	S		Final Report 09/2019 Available from CIR
Spirulina Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Squalane	S		Final Report 06/2019 Available from CIR

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Squalene	S		Final Report 06/2019 Available from CIR
Starch Acetate	S		Final Report 9/2015 Available from CIR
Starch Acetate/Adipate	S		Final Report 9/2015 Available from CIR
Starch Diethylaminoethyl Ether	S		Final Report 9/2015 Available from CIR
Starch Hydroxypropyltrimonium Chloride	S		Final Report 9/2015 Available from CIR
Starch Laurate	S		Final Report 9/2015 Available from CIR
Starch Tallowate	S		Final Report 9/2015 Available from CIR
Steapyrium Chloride	S		JACT 10(1):87-97, 1991; IJT 30(Suppl. 2):73-127, 2011
		The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Stearalkonium Bentonite...	
Stearalkonium Bentonite	SQ		Final Report 4/2016 Available from CIR
Stearalkonium Chloride	S		JACT 1(2):57-69, 1982; IJT 22(Suppl. 1):1-35, 2003
Stearalkonium Hectorite	S		IJT 19(S2):91-98, 2000; IJT 32(Suppl. 4):33-40, 2013
		The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	
Stearamide DEA	SQ		Final Report 8/1995 Available from CIR; IJT 32(Suppl. 1):36-58, 2013
Stearamide DIBA-Stearate	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Stearamide DIBA-Stearate as used in cosmetic products.	IJT 20(suppl 3):91-97, 2001
		The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Stearamide MEA	
Stearamide MEA	SQ		Final Report 8/1995 Available from CIR; IJT 34(Suppl.1):18-34, 2015
		The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Stearamide MIPA...	
Stearamide MIPA	SQ		Final Report 12/2019 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Stearamidopropyl Betaine...	
Stearamidopropyl Betaine	SQ		IJT 31(Suppl. 1):77-111, 2012
Stearamidopropyl Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003
		The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Stearamidopropyl Dimethylamine...	
Stearamidopropyl Dimethylamine	SQ		IJT 38(S1):39-69,2019
		The safety of Lauramine and Stearamine has not been documented and substantiated. The CIR Expert Panel cannot conclude whether these ingredients are safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	
Stearamine	I		JACT 14(3):196-203, 1995
		On the basis of the available animal and clinical data presented in this report, the CIR Expert Panel concludes that Lauramine Oxide and Stearamine Oxide are safe as cosmetic ingredients for "rinse-off" products under present conditions of use. For use in "leave-on" products, the Expert Panel concludes that Lauramine Oxide should be limited to 3.7% and Stearamine Oxide to 5%.	
Stearamine Oxide	SQ		JACT 13(3):231-245, 1994; IJT 30(Suppl. 2):73-127, 2011
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-1...	
Steareth-1	SQ		IJT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-10...	
Steareth-10	SQ		JACT 7(6):881-910, 1988;IJT 27(Suppl. 1):77-142, 2008;IJT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Steareth-10 Allyl Ether/Acrylates Copolymer...	
Steareth-10 Allyl Ether/Acrylates Copolymer	SQ		IJT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-100...	
Steareth-100	SQ		IJT 31(Suppl. 2):169-244, 2012
Steareth-100/PEG-136/HDI Copolymer	S		Final Report 06/2016 available from CIR
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-11...	
Steareth-11	SQ		JACT 7(6):881-910, 1988;IJT 27(Suppl. 1):77-142, 2008;IJT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-12...	
Steareth-12	SQ		IJT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-13...	
Steareth-13	SQ		JACT 7(6):881-910, 1988;IJT 27(Suppl. 1):77-142, 2008;IJT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-14...	
Steareth-14	SQ		IJT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-15...	
Steareth-15	SQ		JACT 7(6):881-910, 1988;IJT 27(Suppl. 1):77-142, 2008;IJT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-16...	
Steareth-16	SQ		IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Steareth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-2...	JACT 7(6):881-910, 1988;JUT 27(Suppl. 1):77-142, 2008;JUT 31(Suppl. 2):169-244, 2012
Steareth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-20...	JACT 7(6):881-910, 1988;JUT 27(Suppl. 1):77-142, 2008;JUT 31(Suppl. 2):169-244, 2012
Steareth-200	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-200...	JUT 31(Suppl. 2):169-244, 2012
Steareth-21	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-21...	JUT 31(Suppl. 2):169-244, 2012
Steareth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-25...	JUT 31(Suppl. 2):169-244, 2012
Steareth-27	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-27...	JUT 31(Suppl. 2):169-244, 2012
Steareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-3...	JUT 31(Suppl. 2):169-244, 2012
Steareth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-30...	JUT 31(Suppl. 2):169-244, 2012
Steareth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-4...	JACT 7(6):881-910, 1988;JUT 27(Suppl. 1):77-142, 2008;JUT 31(Suppl. 2):169-244, 2012
Steareth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-40...	JUT 31(Suppl. 2):169-244, 2012
Steareth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-5...	JUT 31(Suppl. 2):169-244, 2012
Steareth-50	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-50...	JUT 31(Suppl. 2):169-244, 2012
Steareth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-6...	JACT 7(6):881-910, 1988;JUT 27(Suppl. 1):77-142, 2008;JUT 31(Suppl. 2):169-244, 2012
Steareth-60 Cetyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-60 Cetyl Ether...	JUT 31(Suppl. 2):169-244, 2012
Steareth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-7...	JACT 7(6):881-910, 1988;JUT 27(Suppl. 1):77-142, 2008;JUT 31(Suppl. 2):169-244, 2012
Steareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-8...	JUT 31(Suppl. 2):169-244, 2012
Steareth-80	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-80...	JUT 31(Suppl. 2):169-244, 2012
Stearic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Stearic Acid...	JACT 6(3):321-401, 1987;JUT 25(Suppl. 2) :1-89,2006;Final Report Available 04/2019 from CIR
Stearic Hyazide	Z	The safety of Stearic Hyazide has not been documented and substantiated. The CIR Expert Panel cannot conclude that this ingredient is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 10(1):99-101, 1991
Stearoxy Dimethicone	S		JUT 22(Suppl. 2):11-35, 2003;Final Report 12/2014 Available from CIR

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Ingredient	Finding ^f	Conclusion	Citation [†]
Stearoxymethicone/Dimethicone Copolymer	S		Final Report 12/2014 Available from CIR
Stearoxypropyltrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Stearoxypropyltrimonium Chloride...	IUT 31(Suppl. 3):296-341, 2012
Stearoxytrimethylsilane	S		Final Report 12/2016 Available from CIR
Stearoyl Ethyltrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Stearoyl Ethyltrimonium Methosulfate...	IUT 31(Suppl. 3):296-341, 2012
Stearoyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Stearoyl Glutamic Acid...	IUT 36(Suppl. 1):17-56, 2017
Stearoyl Inulin	S		Final Report 9/2015 Available from CIR
Stearoyl Leucine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Stearoyl Leucine...	IUT 36(Suppl. 1):17-56, 2017
Stearoyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Stearoyl Sarcosine...	IUT 20(S1):1-14, 2001; IUT 40(S2):117-133, 2021
Steartrimonium Bromide	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Steartrimonium Bromide...	IUT 31(Suppl. 3):296-341, 2012
Steartrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Steartrimonium Chloride...	IUT 16(S3):195-220, 1997; IUT 31(Suppl. 3):296-341, 2012
Steartrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Steartrimonium Methosulfate...	IUT 31(Suppl. 3):296-341, 2012
Stearyl Acetate	S		IUT 31(Suppl. 1):112-136, 2012
Stearyl Alcohol	S		JACT 4(5):1-29, 1985; IUT 25(Suppl. 2) :1-89, 2006
Stearyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Stearyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 31(Suppl. 2):141-146, 2012; IUT 34(Suppl.2):5-69, 2015
Stearyl Benzoate	S		IUT 31(Suppl.3):342-372, 2012
Stearyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Stearyl Betaine...	Final Report 3/2014 Available from CIR
Stearyl Caprylate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 31(Suppl. 2):141-146, 2012; IUT 34(Suppl.2):5-69, 2015
Stearyl Citrate	S		IUT 33(Suppl.2):16-46, 2014
Stearyl Dimethicone	S		IUT 22(Suppl. 2):11-35, 2003
Stearyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Stearyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Stearyl Ethylhexanoate...	IUT 34(Suppl.3):61-73, 2015
Stearyl Glycol	S		IUT 31(Suppl. 2):147-168, 2012
Stearyl Glycerylphosphate	S		IUT 26(Suppl. 2):79-112, 2007
Stearyl HDI/PEG-50 Copolymer	S		Final Report 06/2016 available from CIR
Stearyl Heptanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 14(6):498-510, 1995; IUT 31(Suppl. 2):141-146, 2012; IUT 34(Suppl.2):5-69, 2015
Stearyl Linoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Stearyl Methacrylate/Perfluorooctylethyl Methacrylate Copolymer	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment.Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer [†] .	Final Report 10/2018 available from CIR
Stearyl Methicone	S		IUT 22(Suppl. 2):11-35, 2003
Stearyl Oliviate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 31(Suppl. 2):141-146, 2012; IUT 34(Suppl.2):5-69, 2015
Stearyl Palmistate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 31(Suppl. 2):141-146, 2012; IUT 34(Suppl.2):5-69, 2015
Stearyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Stearyl Phosphate...	IUT 38(S2):12-32, 2019
Stearyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 31(Suppl. 2):141-146, 2012; IUT 34(Suppl.2):5-69, 2015
Stearyl/Lauryl Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Stearyl/Lauryl Methacrylate Crosspolymer...	IUT 36(Suppl.2):59-88, 2017; Final Report 12/2018 Available from CIR
Sterculia Urens Gum	S		Final Report 9/2015 Available from CIR
Styrene/Acrylates Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/Acrylates/Ammonium Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Styrene/Acrylates/Ammonium Methacrylate Copolymer...	IUT 21(Suppl.3):1-50, 2002; Final Report 12/2018 Available from CIR
Styrene/Acrylates/Dimethicone Acrylate Crosspolymer	S		IUT 33(Suppl. 2):65-115, 2014
Styrene/Acrylates/Ethylhexyl Acrylate/Lauryl Acrylate Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/Butadiene Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/Isoprene Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/Methylstyrene Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/Stearyl Methacrylate Crosspolymer	S		Final Report 9/2014 Available from CIR
Styrene/VA Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/VP Copolymer	S		Final Report 12/2018 Available from CIR
Succinic Acid	S		IUT 31(Suppl.1):5-76, 2012
Sucralose	S		IUT 38(S1):5-38, 2019
Sucrose	S		IUT 38(S1):5-38, 2019
Sucrose Acetate Isobutyrate	S		IUT 40(Suppl.2):52-116, 2021
Sucrose Acetate/Stearate	S		IUT 40(Suppl.2):52-116, 2021
Sucrose Benzoate	S		IUT 40(Suppl.2):52-116, 2021
Sucrose Cocoate	S		IUT 40(Suppl.2):52-116, 2021
Sucrose Dilaurate	S		IUT 40(Suppl.2):52-116, 2021
Sucrose Dipalmitate	S		IUT 40(Suppl.2):52-116, 2021
Sucrose Distearate	S		IUT 40(Suppl.2):52-116, 2021
Sucrose Hexaerucate	S		IUT 40(Suppl.2):52-116, 2021
Sucrose Hexaoleate/Hexapalmitate/Hexastearate	S		IUT 40(Suppl.2):52-116, 2021

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Ingredient	Finding*	Conclusion	Citation†
Sucrose Hexapalmitate	S		UT 40(Suppl 2):52-116;2021
Sucrose Laurate	S		UT 40(Suppl 2):52-116;2021
Sucrose Myristate	S		UT 40(Suppl 2):52-116;2021
Sucrose Octaacetate	S		UT 40(Suppl 2):52-116;2021
Sucrose Oleate	S		UT 40(Suppl 2):52-116;2021
Sucrose Palmitate	S		UT 40(Suppl 2):52-116;2021
Sucrose Palmitate/Stearate	S		UT 40(Suppl 2):52-116;2021
Sucrose Pentaerucate	S		UT 40(Suppl 2):52-116;2021
Sucrose Pentahydroxystearate	S		UT 40(Suppl 2):52-116;2021
Sucrose Polybehenate	S		UT 40(Suppl 2):52-116;2021
Sucrose Polycottonseedate	S		UT 40(Suppl 2):52-116;2021
Sucrose Polyaurate	S		UT 40(Suppl 2):52-116;2021
Sucrose Polylinoleate	S		UT 40(Suppl 2):52-116;2021
Sucrose Polyoleate	S		UT 40(Suppl 2):52-116;2021
Sucrose Polysoyate	S		UT 40(Suppl 2):52-116;2021
Sucrose Polystearate	S		UT 40(Suppl 2):52-116;2021
Sucrose Stearate	S		UT 40(Suppl 2):52-116;2021
Sucrose Tetrahydroxystearate	S		UT 40(Suppl 2):52-116;2021
Sucrose Tetraistearate	S		UT 40(Suppl 2):52-116;2021
Sucrose Tetraistearate Triacetate	S		UT 40(Suppl 2):52-116;2021
Sucrose Tribehenate	S		UT 40(Suppl 2):52-116;2021
Sucrose Trilaurate	S		UT 40(Suppl 2):52-116;2021
Sucrose Tristearate	S		UT 40(Suppl 2):52-116;2021
Sulfonated Keratin	S		UT 40(Suppl 2):36-51;2021
Sunflower Seed Acid	S		UT 36(Suppl. 3):51-129, 2017
Sunflower Seed Oil PEG-32 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sunflower Seed Oil PEG-32 Esters...	UT 33(Suppl 4):13-39, 2014
Sunflower Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sunflower Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Sunflower Seed Oil Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sunflower Seed Oil Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Sunflower Seed Oil Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sunflower Seed Oil Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Sunflower Seed Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sunflower Seed Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Sunflower Seed Oil Polyglyceryl-5 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sunflower Seed Oil Polyglyceryl-5 Esters...	Final Report 9/2016 Available from CIR
Sunflower Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sunflower Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Sunfloweramide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Sunfloweramide MEA	Final Report 8/1995 Available from CIR; IJT 34(Suppl.1):18-34, 2015
Sunflowerseedamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Sunflowerseedamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Sweet Almond Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Sweet Almond Meal	S		JACT 2(5):85-99, 1983 ;JT 24(Suppl. 1):1-102, 2005
Sweet Almond Oil	S		JACT 2(5):85-99, 1983 ;JT 24(Suppl. 1):1-102, 2005;JT 36(Suppl. 3):51-129, 2017
Sweet Almond Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sweet Almond Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Sweet Almond Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sweet Almond Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Sweet Almond Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sweet Almond Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Synonym for Citrus Jabara Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Synonym for Citrus Jabara Peel Extract...	UT 40(S3):77-99, 2021
Synonym for Citrus Unshiu Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Synonym for Citrus Unshiu Peel Extract...	UT 40(S3):77-99, 2021
Synthetic Beeswax	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
Synthetic Fluorophlogopite	S		UT 34(Suppl 3):43-52, 2015
Synthetic Jojoba Oil	S		Final Report 9/2008 Available from CIR
Synthetic Wax	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
t-Butyl Acetate	S		UT 31(Suppl. 1):112-136, 2012
t-Butyl Alcohol	S		JACT 8(4):627-641, 1989; IJT 24(Suppl. 2):1-20, 2005
t-Butyl Hydroquinone	SQ	On the basis of the data included in this report the CIR Expert Panel has concluded that t-Butyl Hydroquinone may be safely used as a cosmetic ingredient at concentrations not to exceed 0.1%	JACT 5(5):329-351, 1986; JACT 10(1):1-7, 1991; IJT 30(Suppl. 2):73-127, 2011
t-Butyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... t-Butyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl 5):53-100, 2005
Talc	S		UT 34(Suppl. 1):66-129, 2015
Tall Oil Acid	S		JACT 8(4):769-776, 1989; IJT 28(Suppl. 3):252-258, 2009
Tall Oil Sterol	S		Final Report 12/2013 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Tallamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Tallamide DEA...	UT 32(Suppl. 1):36-58, 2013
Tallamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Tallamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Tallow	S		JACT 9(2):153-164, 1990; UT 27(Suppl. 1):77-142, 2008
Tallow Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Tallow Betaine...	Final Report 3/2014 Available from CIR
Tallow Glyceride	S		JACT 9(2):153-164, 1990; UT 27(Suppl. 1):77-142, 2008
Tallow Glycerides	S		JACT 9(2):153-164, 1990; UT 27(Suppl. 1):77-142, 2008
Tallowamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Tallowamide DEA...	UT 32(Suppl. 1):36-58, 2013
Tallowamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Tallowamide MEA	Final Report 8/1995 Available from CIR; UT 34(Suppl.1):18-34, 2015
Tallowamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Tallowamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Tallowamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Tallowamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Tallowamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Talloweth-18	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-18...	UT 31(Suppl. 2):169-244, 2012
Talloweth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-4...	UT 31(Suppl. 2):169-244, 2012
Talloweth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-5...	UT 31(Suppl. 2):169-244, 2012
Talloweth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-6...	UT 31(Suppl. 2):169-244, 2012
Talloweth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-7...	UT 31(Suppl. 2):169-244, 2012
Tallowtrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Tallowtrimonium Chloride...	UT 31(Suppl. 3):296-341, 2012
Tamarindus Indica Seed Gum	S		Final Report 9/2015 Available from CIR
Tapioca Starch	S		Final Report 9/2015 Available from CIR
Tapioca Starch Crosspolymer	S		Final Report 9/2015 Available from CIR
TEA-Alginate	S		Final Report 9/2015 Available from CIR
TEA-C10-15 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C10-15 Alkyl Sulfate...	UT 32(Suppl. 1):59-83, 2013
TEA-C11-15 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C11-15 Alkyl Sulfate...	UT 32(Suppl. 1):59-83, 2013
TEA-C11-15 Pareth Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C11-15 Pareth Sulfate...	UT 32(Suppl. 1):59-83, 2013
TEA-C12-13 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C12-13 Alkyl Sulfate...	UT 32(Suppl. 1):59-83, 2013
TEA-C12-13 Pareth-3 Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C12-13 Pareth-3 Sulfate...	UT 32(Suppl. 1):59-83, 2013

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Ingredient	Finding†	Conclusion	Citation‡
TEA-C12-14 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C12-14 Alkyl Sulfate...	IUT 32(Suppl. 1):59-83, 2013
TEA-C12-15 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C12-15 Alkyl Sulfate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Canolate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Canolate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Coco-Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Coco-Sulfate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Cocoate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Cocoate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Cocoyl Alaninate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Cocoyl Alaninate...	IUT 36(Suppl. 1):17-56, 2017
TEA-Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Cocoyl Glutamate...	IUT 36(Suppl. 1):17-56, 2017
TEA-Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Cocoyl Glutamate...	IUT 36(Suppl. 1):17-56, 2017
TEA-Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Cocoyl Glutamate...	IUT 36(Suppl. 1):17-56, 2017
TEA-Dextrin Octenylsuccinate	S		Final Report 9/2015 Available from CIR
TEA-Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	JACT 12(3):279-309, 1993; IUT 29(Suppl. 4):288-305, 2010
TEA-EDTA	S		IUT 21(Suppl.2):95-142, 2002
TEA-Glyceryl Dimaleate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Glyceryl Dimaleate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Hydrochloride	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Hydrochloride...	IUT 32(Suppl. 1):59-83, 2013
TEA-Hydrogenated Cocoate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Hydrogenated Cocoate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Hydrogenated Tallowoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Hydrogenated Tallowoyl Glutamate...	IUT 36(Suppl. 1):17-56, 2017
TEA-Isostearate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Isostearate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Lactate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IUT 17(S1):1-241, 1998; IUT 32(Suppl. 1):59-83, 2013; IUT 36(Suppl. 2):14-58, 2017
TEA-Laurate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Laurate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Laurate/Myristate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Laurate/Myristate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Laureth Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Laureth Sulfate...	IUT 32(Suppl. 1):59-83, 2013

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Ingredient	Finding†	Conclusion	Citation‡
TEA-Lauroyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Lauroyl Collagen Amino Acids...	UT 36(Suppl. 1):17-56, 2017
TEA-Lauroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Lauroyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
TEA-Lauroyl Keratin Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Lauroyl Keratin Amino Acids...	UT 36(Suppl. 1):17-56, 2017
TEA-Lauroyl/Myristoyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Lauroyl/Myristoyl Aspartate...	UT 36(Suppl. 1):17-56, 2017
TEA-Lauryl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Lauryl Sulfate...	JACT 1(4):143-167, 1982;UT 32(Suppl. 1):59-83, 2013
TEA-Myristate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Myristate...	UT 32(Suppl. 1):59-83, 2013
TEA-Oleate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Oleate...	UT 32(Suppl. 1):59-83, 2013
TEA-Oleyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Oleyl Sulfate...	UT 32(Suppl. 1):59-83, 2013
TEA-Palmitate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Palmitate...	UT 32(Suppl. 1):59-83, 2013
TEA-PEG-3 Cocamide Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-PEG-3 Cocamide Sulfate...	UT 32(Suppl. 1):59-83, 2013
TEA-Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...TEA-Salicylate...	UT 22(Suppl. 3):1-108, 2003;Final Report 04/2019 Available from CIR
TEA-Sorbate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Sorbate...	UT 32(Suppl. 1):59-83, 2013
TEA-Stearate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Stearate...	JACT 14(3):240-248, 1995;UT 32(Suppl. 1):59-83, 2013
TEA-Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Sulfate...	UT 32(Suppl. 1):59-83, 2013
TEA-Tallate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Tallate...	UT 32(Suppl. 1):59-83, 2013
TEA-Tridecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	UT 29(Suppl. 4):288-305, 2010
TEA-Undecylenate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Undecylenate...	UT 32(Suppl. 1):59-83, 2013
Tetradecyleicosyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tetradecyloctadecyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tetradecyloctadecyl Hexyldecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tetradecyloctadecyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015

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Tetradecyloctadecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tetradecylpropionates	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tetrahexyldecyl Ascorbate	S		Final Report 6/2017 Available from CIR
Tetrahydrofurfuryl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Tetrahydrofurfuryl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl 5):53-100, 2005
Tetrapotassium Etidronate	S		Final Report 4/2017 Available from CIR
Tetrapotassium Pyrophosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Tetrapotassium Pyrophosphate...	UT 40(S1):34-85;2021
Tetrasodium EDTA	S		UT 21(Suppl.2):95-142, 2002
Tetrasodium Etidronate	S		Final Report 4/2017 Available from CIR
Tetrasodium Glutamate Diacetate	S		Final Report Available from CIR 03/2021
Tetrasodium Pyrophosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Tetrasodium Pyrophosphate...	UT 40(S1):34-85;2021
Theobroma Cacao (Cocoa) Seed Butter	S		UT 36(Suppl. 3):51-129, 2017
Theobroma Grandiflorum Seed Butter	S		UT 36(Suppl. 3):51-129, 2017
Theobroma Grandiflorum Seed Butter Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Theobroma Grandiflorum Seed Butter Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Theobromine	S		Final Report 12/2018 Available from CIR
Theophylline	S		Final Report 12/2018 Available from CIR
Thiodipropionic Acid	SQ	The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	UT 29(Suppl. 3):137-150,2010
Thioglycolic Acid	SQ	Based on the available data, the CIR Expert Panel concluded that ... Thioglycolic Acid is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 15.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure. ... Thioglycolic Acid in depilatories is safe when formulated to be non-irritating under conditions of recommended use.	JACT 10(1):135-192, 1991; UT 28(Suppl. 1):68-133, 2009
Threonine	S		UT 32(Suppl. 4):41-64, 2013
Thymol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	UT 25(Suppl. 1):29-127, 2006
Tin Oxide	S		UT 33(Suppl 4):40-46, 2014
Titanium Citrate	I	The Panel also concluded that the data are insufficient to determine the safety of the following 4 ingredients: Titanium Citrate... These ingredients are not reported to be in use.	Final Report 04/2019 Available from CIR
Titanium Ethoxide	I	The Panel also concluded that the data are insufficient to determine the safety of the following 4 ingredients:...Titanium Ethoxide... These ingredients are not reported to be in use.	Final Report 04/2019 Available from CIR
Titanium Isostearates	I	The Panel also concluded that the data are insufficient to determine the safety of the following 4 ingredients: ... Titanium Isostearates... These ingredients are not reported to be in use.	Final Report 04/2019 Available from CIR
Titanium Salicylate	I	The Panel also concluded that the data are insufficient to determine the safety of the following 4 ingredients: ...Titanium Salicylate... These ingredients are not reported to be in use.	Final Report 04/2019 Available from CIR
Tocopherol	S		UT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocophersolan	S		UT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Acetate	S		UT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Linoleate	S		UT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Linoleate/Oleate	S		UT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Nicotinate	S		UT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Phosphate	S		Final Report 3/2014 Available from CIR
Tocopheryl Succinate	S		UT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocotrienols	S		Final Report 3/2014 Available from CIR
Toluene	S		JACT 6(1):77-120, 1987;UT 25(Suppl. 2) :1-89,2006
Toluene Sulfonic Acid	SQ	Toluene Sulfonic Acid...safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	UT 30(Suppl. 3):270-283, 2011
Toluene-2,5-Diamine	SQ	On the basis of the data presented in this report the CIR Expert Panel concludes that toluene-2,5-diamine and toluene-2,5-diamine sulfate are safe as hair dye ingredients in the present practices of use and concentration as described in this safety assessment, but the available data are insufficient to support the safety of toluene-3,4 diamine as a hair dye ingredient	JACT 11(4):423-445, 1992;UT 29(Suppl. 2):61-83, 2010
Toluene-2,5-Diamine Sulfate	SQ	On the basis of the data presented in this report the CIR Expert Panel concludes that toluene-2,5-diamine and toluene-2,5-diamine sulfate are safe as hair dye ingredients in the present practices of use and concentration as described in this safety assessment, but the available data are insufficient to support the safety of toluene-3,4 diamine as a hair dye ingredient	JACT 11(4):423-445, 1992;UT 29(Suppl. 2):61-83, 2010
Toluene-3,4-Diamine	I	On the basis of the data presented in this report the CIR Expert Panel concludes that toluene-2,5-diamine and toluene-2,5-diamine sulfate are safe as hair dye ingredients in the present practices of use and concentration as described in this safety assessment, but the available data are insufficient to support the safety of toluene-3,4 diamine as a hair dye ingredient	JACT 11(4):423-445, 1992;UT 29(Suppl. 2):61-83, 2010
Toluenesulfonamide/Formaldehyde Resin	S		JACT 5(5):471-490, 1986;UT 25(Suppl. 2) :1-89,2006
Toluenesulfonamide/Formaldehyde Resin-80	S		JACT 5(5):471-490, 1986
Torreya Nucifera Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Tosylamide/Formaldehyde Resin	S		JACT 5(5):471-490, 1986;UT 25(Suppl. 2) :1-89,2006
Tragacanth Gum	S		JACT 6(1):1-22, 1987;UT 25(Suppl. 2) :1-89,2006;Final Report 9/2015 Available from CIR
Trehalose	S		UT 38(S1):5-38,2019
Trehalose Isostearate Esters	S		UT 40(Suppl 2):52-116;2021
Trehalose Undecylenoate	S		UT 40(Suppl 2):52-116;2021
Tri-C12-13 Alkyl Citrate	S		UT 33(Suppl.2):16-46, 2014
Tri-C14-15 Alkyl Citrate	S		UT 33(Suppl.2):16-46, 2014
Triacetin	S		UT 22(Suppl. 2):1-10, 2003
Triacetyl PVP	S		Final Report 12/2018 Available from CIR
Triacotene/VP Copolymer	S		Final Report 12/2018 Available from CIR

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Triarachidin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tribehenin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tributyl Citrate	S		UT 33(Suppl.2):16-46, 2014
		The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Tricalcium Phosphate...	
Tricalcium Phosphate	SQ		UT 40(S1):34-85;2021
Tricaprin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tricaprylin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tricaprylyl Citrate	S		UT 33(Suppl.2):16-46, 2014
		The CIR Expert Panel concluded that tridecyl trimellitate, tricaprylyl/capryl trimellitate*, triethylhexyl trimellitate, trisododecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	
Tricaprylyl/Capryl Trimellitate	SQ		Final Report 9/2015 Available from CIR
		The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Tricetyl Phosphate...	
Tricetyl Phosphate	SQ		UT 38(S2):12-32,2019
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.. Trichilia Emetica Seed Oil Polyglyceryl-6 Esters...	
Trichilia Emetica Seed Oil Polyglyceryl-6 Esters	SQ		Final Report 9/2016 Available from CIR
Trichloroethane	S		UT 27(Suppl. 4):107-138, 2008
Triclosan	S		Final Report 12/2010 Available from CIR
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-10...	
Trideceth-10	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-11...	
Trideceth-11	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-12...	
Trideceth-12	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-15...	
Trideceth-15	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-18...	
Trideceth-18	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-2...	
Trideceth-2	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Trideceth-2 Carboxamide MEA...	
Trideceth-2 Carboxamide MEA	SQ		UT 34(Suppl.1):18-34, 2015
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-20...	
Trideceth-20	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-21...	
Trideceth-21	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-3...	
Trideceth-3	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-4...	
Trideceth-4	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-5...	
Trideceth-5	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-50...	
Trideceth-50	SQ		UT 31(Suppl. 2):169-244, 2012
		The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-6...	
Trideceth-6	SQ		UT 31(Suppl. 2):169-244, 2012

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Trideceth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-7...	IUT 31(Suppl. 2):169-244, 2012
Trideceth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-8...	IUT 31(Suppl. 2):169-244, 2012
Trideceth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-9...	IUT 31(Suppl. 2):169-244, 2012
Tridecyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Tridecyl Cocoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 30(Suppl. 1):5-16, 2011; IUT 34(Suppl.2):5-69, 2015
Tridecyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Tridecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Tridecyl Ethylhexanoate...	IUT 34(Suppl.3):61-73, 2015
Tridecyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 30(Suppl. 3):228-269, 2011; IUT 34(Suppl.2):5-69, 2015
Tridecyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl. 2):5-69, 2015
Tridecyl Myristate	S		IUT 29(Suppl. 3):162-186,2010; IUT 34(Suppl.2):5-69, 2015
Tridecyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Tridecyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Tridecyl Salicylate...	IUT 22(Suppl 3):1-108, 2003;Final Report 04/2019 Available from CIR
Tridecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Tridecyl Trimellitate	SQ	The CIR Expert Panel concluded that tridecyl trimellitate, tricaprylyl/capryl trimellitate*, triethylhexyl trimellitate, trisodecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 9/2015 Available from CIR
Trierucin	S		IUT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Triethanolamine	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Triethanolamine...	JACT 2(7):183-235, 1983;IUT 32(Suppl. 1):59-83, 2013
Triethanolamine-Coco-Hydrolyzed Animal Protein	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Triethanolamine-Coco-Hydrolyzed Animal Protein...	JACT 2(7):183-235, 1983;IUT 32(Suppl. 1):59-83, 2013
Triethoxycaprylylsilane	S		Final Report 12/2016 Available from CIR
Triethyl Citrate	S		IUT 33(Suppl.2):16-46, 2014
Triethylene Glycol	S		IUT 25(2):121-138, 2006;Final Report 6/2010 Available from CIR
Triethylene Glycol Dimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that...Triethylene Glycol Dimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IUT 24(Suppl 5):53-100, 2005
Triethylhexyl Citrate	S		IUT 33(Suppl.2):16-46, 2014
Triethylhexyl Trimellitate	SQ	The CIR Expert Panel concluded that tridecyl trimellitate, tricaprylyl/capryl trimellitate*, triethylhexyl trimellitate, trisodecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 9/2015 Available from CIR
Trifluoropropyl Dimethicone/PEG-10 Crosspolymer	S		IUT 33(Suppl. 2):65-115, 2014
Trifluoropropyl Dimethicone/Trifluoropropyl Divinyldimethicone Crosspolymer	S		IUT 33(Suppl. 2):65-115, 2014
Trifluoropropyl Dimethicone/Vinyl Trifluoropropyl Dimethicone/Silsesquioxane Crosspolymer	S		IUT 33(Suppl. 2):65-115, 2014
Trifluoropropyl dimethyl/trimethylsiloxy silicate	SQ	The CIR Expert Panel concluded that silica silylate, silica dimethyl silylate, trimethylsiloxy silicate, and trifluoropropyl dimethyl/trimethylsiloxy silicate are safe in the present practices of use and concentration described in this safety assessment when formulated and delivered in the final product not to be irritating or sensitizing to the respiratory tract.	IUT 32(Suppl. 1):5-24, 2013
Trigonella Foenum-Graecum Hydroxypropyltrimonium Chloride	S		IUT 34(Suppl. 1):35-65, 2015
Triheptanoin	S		IUT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Triheptylundecanoin	S		IUT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trihexyldecyl Citrate	S		IUT 33(Suppl. 2):16-46, 2014
Trihydroxystearin	S		IUT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trisocetyl Citrate	S		IUT 33(Suppl.2):16-46, 2014
Trisodecyl Trimellitate	SQ	The CIR Expert Panel concluded that tridecyl trimellitate, tricaprylyl/capryl trimellitate*, triethylhexyl trimellitate, trisodecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 9/2015 Available from CIR
Trisononanoin	S		IUT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trisopalmitin	S		IUT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR

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Triisopropanolamine	SQ	The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	JACT 6(1):53-76, 1987; UT 25(Suppl. 2) :1-89,2006
Triisopropyl Citrate	S		UT 33(Suppl.2):16-46, 2014
Trisostearin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trisostearoyl Polyglyceryl-3 Dimer Dilinoleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Trisostearoyl Polyglyceryl-3 Dimer Dilinoleate...	Final Report 9/2016 Available from CIR
Trisostearyl Citrate	S		UT 33(Suppl.2):16-46, 2014
Trisotridecyl Trimellitate	SQ	The CIR Expert Panel concluded that tridecyl trimellitate, tricaprylyl/capryl trimellitate*, triethylhexyl trimellitate, trisododecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 9/2015 Available from CIR
Trilaurin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trilauryl Citrate	S		UT 33(Suppl.2):16-46, 2014
Trilauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Trilauryl Phosphate...	UT 38(S2):12-32,2019
Trilinoic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Trilinoic Acid...	Final Report 04/2019 Available from CIR
Trilinolein	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trilinolenin	S		Final Report 12/2017 Available from CIR
Trimagnesium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Trimagnesium Phosphate...	UT 40(S1):34-85,2021
Trimethoxycaprylsilane	S		Final Report 12/2016 Available from CIR
Trimethyl Pentanyl Diisobutyrate	S		Final Report 9/2017 Available from CIR
Trimethylpropane Trimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Trimethylpropane Trimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl 5):53-100, 2005
Trimethylpentanedio/Isophthalic Acid/Trimellitic Anhydride Copolymer	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following four trimellitic anhydride copolymers are safe under the intended conditions of use in cosmetic formulations...Trimethylpentanedio/Isophthalic Acid/Trimellitic Anhydride Copolymer	UT 39(S3):74-92, 2020
Trimethylpenty/ Polysilsequioxane	S		Final Report 12/2017 Available from CIR
Trimethylsilyloxylicite	SQ	The CIR Expert Panel concluded that silica silylate, silica dimethyl silylate, trimethylsilyloxylicite, and trifluoropropyl dimethyl/trimethylsilyloxylicite are safe in the present practices of use and concentration described in this safety assessment when formulated and delivered in the final product not to be irritating or sensitizing to the respiratory tract.	UT 32(Suppl. 1):5-24, 2013
Trimethylsilyloxylicite/Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Trimethylsilyloxylicite/Dimethiconol Crosspolymer	S		UT 36(Suppl. 3):31-50, 2017
Trimyrstin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trioctanoin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trioctanoin (now, Triethylhexanoin)	S		Final Amended Report 02/2018 Available from CIR
Trioctyldodecyl Citrate	S		UT 33(Suppl. 2):16-46, 2014
Triolein	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trioleyl Citrate	S		UT 33(Suppl. 2):16-46, 2014
Trioleyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Trioleyl Phosphate...	UT 38(S2):12-32,2019
Tripalmitin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tripalmitolein	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tripelargonin	S		Final Report 12/2017 Available from CIR
Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Triphenyl Phosphate	S		Final Report 09/2018 available from CIR
Tripotassium EDTA	S		UT 21(Suppl.2):95-142, 2002
Tripropylene Glycol	SQ	The CIR Expert Panel concluded that ... Tripropylene Glycol and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl 2):245-260, 2012
Triricinolein	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tris(Tetramethylhydroxypiperidinol) Citrate	S		Final Report Available from CIR 03/2021
Trisodium EDTA	S		UT 21(Suppl.2):95-142, 2002
Trisodium Fructose Diphosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed below are safe under the intended conditions of use in cosmetic formulations...Trisodium Fructose Diphosphate...	Final Report 10/2018 Available from CIR
Trisodium Glycyrhizate	S		UT 26(Suppl. 2):79-112, 2007
Trisodium HEDTA	S		UT 21(Suppl.2):95-142, 2002
Trisodium Inositol Triphosphate	S		Final Report 10/2018 Available from CIR
Trisodium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Trisodium Phosphate...	UT 40(S1):34-85,2021
Tristearin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tristearyl Citrate	S		UT 33(Suppl.2):16-46, 2014
Tristearyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Tristearyl Phosphate...	UT 38(S2):12-32,2019
Triticum Aestivum (Wheat) Flour Lipids	S		Final Report Available from CIR 12/2020
Triticum Aestivum (Wheat) Germ Extract	S		Final Report Available from CIR 12/2020
Triticum Aestivum (Wheat) Germ Oil	S		UT 36(Suppl. 3):51-129, 2017
Triticum Aestivum (Wheat) Leaf Extract	I	The Panel also concluded that the available data are insufficient to make a determination that the following 6 wheat-derived ingredients are safe under the intended conditions of use in cosmetic formulations: Triticum Aestivum (Wheat) Leaf Extract	Final Report Available from CIR 12/2020
Triticum Aestivum (Wheat) Peptide	I	The Panel also concluded that the available data are insufficient to make a determination that the following 6 wheat-derived ingredients are safe under the intended conditions of use in cosmetic formulations: Triticum Aestivum (Wheat) Peptide	Final Report Available from CIR 12/2020
Triticum Aestivum (Wheat) Seed Extract	S		Final Report Available from CIR 12/2020
Triticum Monococcum (Wheat) Seed Extract	S		Final Report Available from CIR 12/2020
Triticum Monococcum (Wheat) Stem Water	I	The Panel also concluded that the available data are insufficient to make a determination that the following 6 wheat-derived ingredients are safe under the intended conditions of use in cosmetic formulations: Triticum Monococcum (Wheat) Stem Water	Final Report Available from CIR 12/2020
Triticum Spelta Seed Water	S		Final Report Available from CIR 12/2020
Triticum Turgidum Durum (Wheat) Seed Extract	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Bran	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Bran Extract	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Bran Lipids	S		Final Report Available from CIR 12/2020

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Ingredient	Finding ^f	Conclusion	Citation [‡]
Triticum Vulgare (Wheat) Flour Extract	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Flour Lipids	S		Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Germ	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Germ Extract	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Germ Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Triticum Vulgare (Wheat) Germ Powder	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Germ Protein	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Gluten	S		JEPT 4(4):5-17, 1980;JIT 22(Suppl. 1):1-35, 2003
Triticum Vulgare (Wheat) Gluten	S		JEPT 4(4):5-17, 1980;JIT 22(Suppl. 1):1-35, 2003; Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Gluten Extract	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Kernel Flour	S		JEPT 4(4):19-32, 1980;JIT 22(Suppl. 1):1-35, 2003
Triticum Vulgare (Wheat) Kernel Flour	S		JEPT 4(4):19-32, 1980;JIT 22(Suppl. 1):1-35, 2003;Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Protein	I	The Panel also concluded that the available data are insufficient to make a determination that the following 6 wheat-derived ingredients are safe under the intended conditions of use in cosmetic formulations: Triticum Vulgare (Wheat) Protein	Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Seed Extract	S		Final Report Available from CIR 12/2020
Triticum Vulgare (Wheat) Sprout Extract	I	The Panel also concluded that the available data are insufficient to make a determination that the following 6 wheat-derived ingredients are safe under the intended conditions of use in cosmetic formulations: Triticum Vulgare (Wheat) Sprout Extract	Final Report Available from 12/2020
Triticum Vulgare (Wheat) Starch	S		JEPT 4(4):19-32, 1980;JIT 22(Suppl. 1):1-35, 2003;Final Report 9/2015 Available from CIR
Triticum Vulgare (Wheat) Straw Water	I	The Panel also concluded that the available data are insufficient to make a determination that the following 6 wheat-derived ingredients are safe under the intended conditions of use in cosmetic formulations: Triticum Vulgare (Wheat) Straw Water	Final Report Available from CIR 12/2020
Triticum Vulgare/Aestivum (Wheat) Grain Extract	S		Final Report Available from CIR 12/2020
Triundecanoic Acid	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tromethamine	S		Final Report 9/2013 Available from CIR
Tryptophan	S		UT 32(Suppl. 4):41-64, 2013
Tyrosine	S		UT 32(Suppl. 4):41-64, 2013
Umbilical Extract	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	UT 21(Suppl 1):81-91, 2002
Undaria Peterseniana Extract	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Cell Culture Extract	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Extract	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Leaf/Stem Extract	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Powder	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Root Powder	S		Final Report 09/2019 Available from CIR
Undecanoic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Undecanoic Acid...	Final Report 04/2019 Available from CIR
Undeceth-11	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-11...	UT 31(Suppl. 2):169-244, 2012
Undeceth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-3...	UT 31(Suppl. 2):169-244, 2012
Undeceth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-40...	UT 31(Suppl. 2):169-244, 2012
Undeceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-5...	UT 31(Suppl. 2):169-244, 2012
Undeceth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-7...	UT 31(Suppl. 2):169-244, 2012
Undeceth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-8...	UT 31(Suppl. 2):169-244, 2012
Undeceth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-9...	UT 31(Suppl. 2):169-244, 2012
Undecyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Undecyl Glucoside...	UT 32(Suppl. 3):22-48, 2013
Undecylenamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Undecylenamide DEA...	UT 32(Suppl. 1):36-58, 2013
Undecylenamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Undecylenamide MEA...	UT 34(Suppl.1):18-34, 2015

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Ingredient	Finding*	Conclusion	Citation†
Undecylenamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Undecylenamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Undecyleneth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undecyleneth-6...	UT 31(Suppl. 2):169-244, 2012
Undecylenic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Undecylenic Acid...	Final Report 04/2019 available from CIR
Undecylenoyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Undecylenoyl Collagen Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Undecylenoyl Glycine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Undecylenoyl Glycine...	UT 36(Suppl. 1):17-56, 2017
Undecylenoyl Inulin	S		Final Report 9/2015 Available from CIR
Undecylenoyl Phenylalanine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Undecylenoyl Phenylalanine...	UT 36(Suppl. 1):17-56, 2017
Undecylenoyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Undecylenoyl Wheat Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Undecylenoyl Xanthan Gum	S		UT 35(Suppl. 1):5-49, 2016
Urea	S		UT 24(Suppl. 3):1-56, 2005
Urethane Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that Urethane Methacrylate ...is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl 5):53-100, 2005
Urocanic Acid	Z	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude whether Urocanic Acid is safe for use in cosmetic products until such time as the appropriate safety data have been obtained and evaluated.	JACT 14(5):386-423, 1995
VA/Butyl Maleate/Isobornyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. VA/Butyl Maleate/Isobornyl Acrylate Copolymer...	UT 21(Suppl 3):1-50, 2002;Final Report 12/2018 Available from CIR
VA/CA Copolymer	S		JACT 2(5):125-140, 1983;UT 24(Suppl. 1):1-102, 2005;UT 25(Suppl. 2) :1-89,2006
Vaccinium Corymbosum (Blueberry) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Vaccinium Macrocarpon (Cranberry) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Vaccinium Myrtillus Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Vaccinium Vitis-idaea Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Valine	S		UT 32(Suppl. 4):41-64, 2013
Vanilla Planifolia Flower Extract	I	The Panel further concluded that the available data are insufficient to make a determination of safety under intended conditions of use in cosmetic formulations for ... Vanilla Planifolia Flower Extract	Final Report 06/2020 Available from CIR
Vanilla Planifolia Fruit Extract	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Planifolia Fruit Extract	Final Report 06/2020 Available from CIR
Vanilla Planifolia Fruit Oil	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Planifolia Fruit Oil	Final Report 06/2020 Available from CIR
Vanilla Planifolia Fruit Water	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ... Vanilla Planifolia Fruit Water	Final Report 06/2020 Available from CIR
Vanilla Planifolia Leaf Cell Extract	I	The Panel further concluded that the available data are insufficient to make a determination of safety under intended conditions of use in cosmetic formulations for ... Vanilla Planifolia Leaf Cell Extract	Final Report 06/2020 Available from CIR
Vanilla Planifolia Seed	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Planifolia Seed	Final Report 06/2020 Available from CIR
Vanilla Planifolia Seed Powder	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Planifolia Seed Powder	Final Report 06/2020 Available from CIR
Vanilla Tahitensis Fruit Extract	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Tahitensis Fruit Extract	Final Report 06/2020 Available from CIR
Vanilla Tahitensis Seed	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Tahitensis Seed	Final Report 06/2020 Available from CIR
Vegetable Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Vegetable Oil	S		UT 36(Suppl. 3):51-129, 2017
Vinyl Acetate/Crotonic Acid Copolymer	S		JACT 2(5):125-140, 1983;UT 24(Suppl. 1):1-102, 2005;UT 25(Suppl. 2) :1-89,2006
Vinyl Caprolactam/PVP/Dimethylaminoethyl Methacrylate Copolymer	S		UT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Vinyl Caprolactam/VP/Dimethylaminoethyl Methacrylate Copolymer	S		UT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Vinyl Dimethicone/Lauryl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vinyl Dimethicone/Lauryl/Behenyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vinyldimethicone	S		UT 22(Suppl. 2):11-35, 2003
Vinyldimethyl/Trimethylsiloxyliccate Stearyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vinyldimethyl/Trimethylsiloxyliccate/Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vitis Vinifera (Grape)	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Bud Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Flower Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Fruit Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Fruit Powder	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Fruit Water	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Juice	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Juice Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf Oil	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf Water	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf Wax	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf/Seed/Skin Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Root Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Seed	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Seed Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Vitis Vinifera (Grape) Seed Powder	S		UT 33(Suppl. 3):48-83, 2014

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Ingredient	Finding†	Conclusion	Citation‡
Vitis Vinifera (Grape) Shoot Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Skin Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Skin Powder	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Vine Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Vine Sap	S		UT 33(Suppl. 3):48-83, 2014
VP/Acrylates/Lauryl Methacrylate Copolymer	S		Final Report 12/2018 Available from CIR
		The Panel also concluded that the available data are insufficient to make a determination that the vinylpyrrolidone polymers listed below are safe under the intended conditions of use in cosmetic formulations	
VP/Dimethiconylacrylate/Polycarbonyl/Polyglycol Ester	I		Final Report 12/2018 Available from CIR
VP/Dimethylaminoethylmethacrylate Copolymer	S		Final Report 12/2018 Available from CIR
		The Panel also concluded that the available data are insufficient to make a determination that the vinylpyrrolidone polymers listed below are safe under the intended conditions of use in cosmetic formulations	
VP/Dimethylaminoethylmethacrylate/Polycarbonyl Polyglycol Ester	I		Final Report 12/2018 Available from CIR
VP/DMAPA Acrylates Copolymer	S		Final Report 12/2018 Available from CIR
VP/Eicosene Copolymer	S		Final Report 12/2018 Available from CIR
VP/Hexadecene Copolymer	S		Final Report 12/2018 Available from CIR
		The Panel also concluded that the available data are insufficient to make a determination that the vinylpyrrolidone polymers listed below are safe under the intended conditions of use in cosmetic formulations	
VP/Polycarbonyl Polyglycol Ester	I		Final Report 12/2018 Available from CIR
VP/VA Copolymer	S		Final Report 12/2018 Available from CIR
VP/Vinyl Alcohol Copolymer	S		Final Report 12/2018 Available from CIR
VP/Vinyl Caprolactam/DMAPA Acrylates Copolymer	S		Final Report 12/2018 Available from CIR
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Watermelon Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Watermelon Seed Oil PEG-8 Esters	SQ		
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Watermelon Seed Oil Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Watermelon Seed Oil Polyglyceryl-10 Esters	SQ		
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Watermelon Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Watermelon Seed Oil Polyglyceryl-6 Esters	SQ		
Weilan Gum	S		UT 35(Suppl. 1):5-49, 2016
Wheat Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Wheat Flour	S		JEPT 4(4):19-32, 1980;UT 22(Suppl. 1):1-35, 2003
Wheat Germ Acid	S		UT 36(Suppl. 3):51-129, 2017
Wheat Germ Glycerides	S		JEPT 4(4):5-17, 1980;UT 22(Suppl. 1):1-35, 2003; Final Report Available FROM CIR 12/2020
Wheat Germ Glycerides	S		JEPT 4(4):5-17, 1980;UT 22(Suppl. 1):1-35, 2003
Wheat Germ Oil	S		JEPT 4(4):33-45, 1980 ;UT 22(Suppl. 1):1-35, 2003 ;UT 36(Suppl. 3):51-129, 2017
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Wheat Germ Oil PEG-40 Butyloctanol Esters...	UT 33(Suppl 4):13-39, 2014
Wheat Germ Oil PEG-40 Butyloctanol Esters	SQ		
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Wheat Germ Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Wheat Germ Oil PEG-8 Esters	SQ		
		The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Wheat Germamide DEA...	UT 32(Suppl. 1):36-58, 2013
Wheat Germamide DEA	SQ		
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Wheat Germamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Wheat Germamidopropyl Betaine	SQ		
		The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Wheat Germamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Wheat Germamidopropyl Dimethylamine	SQ		
Wheat Gluten	S		JEPT 4(4):5-17, 1980;UT 22(Suppl. 1):1-35, 2003
Wheat Starch	S		JEPT 4(4):19-32, 1980;UT 22(Suppl. 1):1-35, 2003;Final Report 9/2015 Available from CIR
Whey Protein	S		Final Report 9/2017 Available from CIR
Wild Yam (Dioscorea Villosa) Extract	S		Final Report 9/1999 Available from CIR;UT 23 (Suppl.2:49-54.)2004
Xanthan Gum	S		UT 35(Suppl. 1):5-49, 2016
Xanthan Gum Crosspolymer	S		UT 35(Suppl. 1):5-49, 2016
Xanthan Hydroxypropyltrimonium Chloride	S		UT 35(Suppl. 1):5-49, 2016
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Ximenia Americana Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Ximenia Americana Seed Oil Polyglyceryl-6 Esters	SQ		
		Xylene Sulfonic Acid is safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	UT 30(Suppl. 3):270-283, 2011
Xylene Sulfonic Acid	SQ		
Xylitol	S		Final Report 12/2019 Available from CIR
		The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed below are safe under the intended conditions of use in cosmetic formulations...Xylityl Phosphate...	
Xylityl Phosphate	I		Final Report 10/2018 Available from CIR
Xylityl Sesquicaprylate	S		UT 40(Suppl 2):52-116,2021
Xylobiose	S		UT 38(S1):5-38,2019
Xyloglucan	S		Final Report 9/2015 Available from CIR
Xylose	S		UT 38(S1):5-38,2019
		The CIR Expert Panel concluded that ...Yarrow (Achillea Millefolium) Extract is safe in the present practices of use and concentration in cosmetics when formulated to be nonsensitizing	UT 20(S2):79-84, 2001;UT 35(Suppl. 3):5-15, 2016
Yarrow (Achillea Millefolium) Extract	SQ		
Yeast Amino Acids	S		UT 33(Suppl 4):5-12, 2014
Zea Mays (Corn) Fruit	S		UT 30(Suppl. 1):17-39, 2011
Zea Mays (Corn) Germ Extract	S		UT 30(Suppl. 1):17-39, 2011
Zea Mays (Corn) Germ Oil	S		UT 36(Suppl. 3):51-129, 2017; BT 30(Suppl. 1):17-39, 2011
Zea Mays (Corn) Oil	S		UT 36(Suppl. 3):51-129, 2017; BT 30(Suppl. 1):17-39, 2011
Zea Mays (Corn) Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017; BT 30(Suppl. 1):17-39, 2011
Zeolite	S		UT 22(Suppl. 1):37-102, 2003
Zinc Acetate	S		UT 31(Suppl. 1):112-136, 2012
		The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Ascorbate...	Final Report 3/2018 Available from CIR
Zinc Ascorbate	SQ		

Quick Reference Table
Cosmetic Ingredient Review - September 2020

Ingredient	Finding†	Conclusion	Citation‡
Zinc Ascorbate Hydroxide	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Ascorbate Hydroxide...	Final Report 3/2018 Available from CIR
Zinc Aspartate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Aspartate...	Final Report 3/2018 Available from CIR
Zinc Borosilicate	S		IJT 32(Suppl. 3):65-72, 2013
Zinc Carbonate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Carbonate...	Final Report 3/2018 Available from CIR
Zinc Carbonate Hydroxide	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Carbonate Hydroxide...	Final Report 3/2018 Available from CIR
Zinc Chloride	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Chloride...	Final Report 3/2018 Available from CIR
Zinc Chloride Hydroxide	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Chloride Hydroxide...	Final Report 3/2018 Available from CIR
Zinc Citrate	S		IJT 33(Suppl. 2):16-46, 2014
Zinc Coceth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Zinc Coco-Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Zinc Cysteinate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Cysteinate...	Final Report 3/2018 Available from CIR
Zinc Fructose Diphosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed below are safe under the intended conditions of use in cosmetic formulations...Zinc Fructose Diphosphate	Final Report 10/2018 Available from CIR
Zinc Gluconate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Gluconate...	Final Report 3/2018 Available from CIR
Zinc Glutamate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Glutamate...	Final Report 3/2018 Available from CIR
Zinc Glycinate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Glycinate...	Final Report 3/2018 Available from CIR
Zinc Hexametaphosphate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Hexametaphosphate...	Final Report 3/2018 Available from CIR
Zinc Hydrolyzed Collagen	S		Final Report 9/2017 Available from CIR
Zinc Hydroxide	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Hydroxide...	Final Report 3/2018 Available from CIR
Zinc Lactate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Lactate...	Final Report 3/2018 Available from CIR
Zinc Laurate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Laurate...	Final Report 3/2018 Available from CIR
Zinc Lauroyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Zinc Lauroyl Aspartate...	IJT 36(Suppl. 1):17-56, 2017
Zinc Myristate	S		IJT 29(Suppl. 3):162-186,2010
Zinc Neodecanoate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Neodecanoate...	Final Report 3/2018 Available from CIR
Zinc Nitrate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Nitrate...	Final Report 3/2018 Available from CIR
Zinc Palmitate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Palmitate...	Final Report 3/2018 Available from CIR
Zinc Phenolsulfonate	S		IJT 5(5):373-390, 1986; IJT 25(Suppl. 2) :1-89,2006
Zinc Phosphate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Phosphate...	Final Report 3/2018 Available from CIR
Zinc Ricinoleate	S		IJT 26(Suppl. 3):31-77, 2007
Zinc Salicylate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Salicylate...	Final Report 3/2018 Available from CIR
Zinc Stearate	S		IJT 22(Suppl. 1):1-35, 2003; IJT 1(2):143-177, 1982
Zinc Sulfate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Sulfate...	Final Report 3/2018 Available from CIR
Zinc Undecylenate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Undecylenate...	Final Report 3/2018 Available from CIR
Zirconium Silicate	S		IJT 22(Suppl. 1):37-102, 2003

†S - safe in the present practices of use and concentration SQ - safe for use in cosmetics, with qualifications I - the available data are insufficient to support safety Z - the available data are insufficient to support safety, but the ingredient is not used U - the ingredient is unsafe for use in cosmetics UNS - ingredients for which the data are insufficient and their use in cosmetics is not supported

‡ Please consider the most recent findings only. Previous citations are only offered for reference purposes.