

Quick Reference Table  
Cosmetic Ingredient Review - September 2020

Ingredient	Finding†	Conclusion	Citation‡
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...	IJT 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...	IJT 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...	IJT 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...	IJT 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...	IJT 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...	IJT 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...	IJT 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.	IJT 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.	IJT 24(Suppl. 3):75-118, 2005
Alcohol Denat.	UNS	<p>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.</p> <p>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.</p>	IJT 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
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.	IJT 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.	IJT 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.	IJT 26(Suppl. 2):1-50, 2007

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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;
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
Azulene	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Azulene for use in cosmetic products.	IJT 18(S3):27-32, 1999
Brucine Sulfate	UNS	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.	IJT 27(Suppl. 1):1-43, 2008
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
Cetethyl Morpholinium Ethosulfate	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Cetethyl Morpholinium Ethosulfate for use in cosmetic products.	IJT 20(suppl 3):99-102, 2001
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.	IJT 27(Suppl. 2):1-24, 2008
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
Helianthus Annuus (Sunflower) Extract	UNS		Final Report 9/2016 Available from CIR
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.	IJT 21(Suppl 1):81-91, 2002
Hydrolyzed 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.	IJT 21(Suppl 1):81-91, 2002
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.	IJT 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.	IJT 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.	IJT 20(S2):41-56, 2001

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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.	IJT 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.	IJT 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.	IJT 20(S2):41-56, 2001
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
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.	IJT 18(S3):57-59, 1999
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
Pentaerythritol Rosinate	UNS	The CIR Expert Panel concludes that the data available on Pentaerythryl Rosinate are insufficient to support the safety of this ingredient as used in cosmetic products.	JACT 13(5):395-399, 1994; IJT 17(S4):83-94, 1998
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
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.	IJT 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.	IJT 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.	IJT 21(Suppl 1):81-91, 2002

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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
SD Alcohol 40	UNS	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.	IJT 27(Suppl. 1):1-43, 2008
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.	IJT 39(S3):127-144,2020

†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.