2021 Final Priorities Groupings for New Reports

Planned 2021 Report – per cause

Basic Yellow 57 – per PCPC Hair Color Technical Committee (HCTC)  

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Reported Function:</strong></td>
<td>Hair Colorant</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>Since FOU might not be a very accurate surrogate for exposure, with regard to hair dyes, the PCPC HCTC proposes one hair dye ingredient annually for Panel review. Basic Yellow 57 is the mono-azo color that conforms to the above structure.</td>
</tr>
<tr>
<td><strong>Grouping proposal:</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

Planned 2021 Reports – per frequency of use (FOU)

Yeast Extract  

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<table>
<thead>
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<tbody>
<tr>
<td><strong>Definition:</strong></td>
<td>Yeast Extract is the extract of Yeast. (Yeast is a class of microorganisms (Hemiascomycetes) characterized by their lack of photosynthetic ability, existence as unicellular or simple irregular filaments, and reproduction by budding or direct division.)</td>
</tr>
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<tbody>
<tr>
<td><strong>Reported Functions:</strong></td>
<td>Skin Protectants; Skin-Conditioning Agents - Miscellaneous</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>This ingredient group was presented for priorities consideration in 2014 (for 2015 priorities). However, we were asked to wait, as this name would soon be retired and ingredients would be reassigned to species specific names. This renaming has not occurred and this ingredient has a very high FOU.</td>
</tr>
<tr>
<td><strong>Grouping proposal:</strong></td>
<td>Yeast-Derived Ingredients (7 ingredients, 958 summed FOU)</td>
</tr>
<tr>
<td>1. Hydrolyzed Yeast Extract</td>
<td>37</td>
</tr>
<tr>
<td>2. Hydrolyzed Yeast</td>
<td>9</td>
</tr>
<tr>
<td>3. Hydrolyzed Yeast Protein</td>
<td>103</td>
</tr>
<tr>
<td>4. Yeast</td>
<td>6</td>
</tr>
<tr>
<td>5. Yeast Beta-Glucan</td>
<td>60</td>
</tr>
<tr>
<td>6. Yeast Polysaccharides</td>
<td>7</td>
</tr>
</tbody>
</table>
### Glyceryl Acrylate/Acrylic Acid Copolymer & Glyceryl Polymethacrylate

**Definition:** Glyceryl Acrylate/Acrylic Acid Copolymer is a copolymer of glyceryl acrylate and Acrylic Acid.

![Chemical Structure](image)

<table>
<thead>
<tr>
<th>Chemical Structure</th>
<th>FOU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glyceryl Acrylate</td>
<td>519</td>
</tr>
<tr>
<td>Acrylic Acid</td>
<td>364</td>
</tr>
</tbody>
</table>

**Reported Functions:** Humectant; Viscosity Increasing Agents – Aqueous; Film Formers

**Notes:** The Panel recently (2018) concluded that 126 acrylates copolymers are safe (e.g., Acrylates Copolymer or Ethylene/Acrylic Acid Copolymer).

**Grouping/clustering proposal:** Glyceryl Acrylates (3 ingredients (2 above); sum FOU =883)

1. Caprylyl Glycol/Glycerin/Polyacrylic Acid Copolymer

### Hydroxyacetophenone

**Definition:** Hydroxyacetophenone is the organic compound that conforms to the formula:

![Chemical Structure](image)

<table>
<thead>
<tr>
<th>Chemical Structure</th>
<th>FOU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxyacetophenone</td>
<td>409</td>
</tr>
</tbody>
</table>

**Reported Functions:** Antioxidants; Skin-Conditioning Agents - Miscellaneous

**Notes:** CAS No. 99-93-4

**Grouping/clustering proposal:** None
**Acrylates/Octylacrylamide Copolymer**

**FOU = 361**

**Definition:** Acrylates/Octylacrylamide Copolymer is a copolymer of octylacrylamide and one or more monomers consisting of Acrylic Acid, Methacrylic Acid, or one of their simple esters.

![Structural formula of Acrylates/Octylacrylamide Copolymer](image)

wherein “R” is hydrogen, methyl, ethyl, propyl, or butyl

**Reported Functions:** Film Formers; Hair Fixatives

**Notes:** CAS No. 129702-02-9. The Panel has previously assessed the safety of some acrylamide copolymers and found them to be safe or safe with qualifications.

**Grouping/clustering proposal:** Acrylamide Acrylate Copolymers (16 ingredients; sum FOU = 442)

1. Acrylamide/Ammonium Acrylate Copolymer (26100-47-0) 14
2. Acrylamide/Sodium Acrylate Copolymer (25085-02-3; 25987-30-8) 36
3. Acrylates/Acrylamide Copolymer (9003-06-9) 3
4. Acrylates/t-Butylacrylamide Copolymer 11
5. Acrylates/Methacrylamide Copolymer 1
6. AMP-Acrylates/C1-18 Alkyl Acrylate/C1-8 Alkyl Acrylamide Copolymer 2
7. AMP-Acrylates/C1-18 Alkyl Acrylate/C1-8 Alkyl Acrylamide/Hydroxyethylacrylate Copolymer -
8. t-Butylacrylamide/Dimethylacrylamide/PEG-14 Diacrylate Crosspolymer -
9. Butyl Acrylate/Isopropylacrylamide/PEG-18 Dimethacrylate Crosspolymer -
10. Corn Starch/Acrylamide/Sodium Acrylate Copolymer 8
11. Dimethyl Acrylamide/Hydroxyethyl Acrylate/Methoxyethyl Acrylate Copolymer 6
12. Dimethyl Acrylamide/Lauryl Methacrylate Copolymer (103479-14-7) -
13. Potassium Acrylates/Acrylamide Copolymer -
14. Sodium Acrylate/Hydroxyethyl Acrylamide Copolymer -
15. Starch/Acrylates/Acrylamide Copolymer -

**Other polyacrylamides previously assessed by the Panel include:** Polyacrylate-2 (31759-42-9), Polyacrylamide (9003-05-8), and Acrylamide/Sodium Acryloyldimethyltaurate Copolymer (38193-60-1).
**Hydroxypropyl Starch Phosphate**  
FOU = 353

**Definition:** Hydroxypropyl Starch Phosphate is the hydroxypropyl ether of Distarch Phosphate.

![Structural formula](image)

**Reported Functions:** Antiacne Agents; Chelating Agents; Skin-Conditioning Agents - Miscellaneous

**Notes:** CAS Nos. 113894-92-1, 39346-84-4, 53124-00-8. The Panel has previously assessed modified starches (e.g. Starch Hydroxypropyl Trimethylammonium Chloride), but not with phosphate groups.

**Grouping/clustering proposal:** Starch Phosphates (5 ingredients; sum FOU = 511)

1. Sodium Hydroxypropyl Starch Phosphate  
2. Distarch Phosphate  
3. Distarch Phosphate Acetate  
4. Sodium Dimaltodextrin Phosphate

**Sodium Lauroamphoacetate**  
FOU = 344

**Definition:** Sodium Lauroamphoacetate is the amphoteric organic compound that conforms generally to the structure:

![Structural formula](image)

**Reported Functions:** Hair Conditioning Agents; Surfactants - Cleansing Agents; Surfactants - Foam Boosters

**Notes:** CAS Nos. 68608-66-2, 156028-14-7, 66161-62-4. The Panel previously assessed the safety of the sodium salts of Cocoamphoacetate, Cocoamphopropionate, Cocoamphodiacetate, and Cocoamphodipropionate, and, found these to be safe as used. The only structural difference between Sodium Cocoaamphoacetate and Sodium Lauroamphoacetate is the length(s) of the amide chain. The amide chain-lengths in Sodium Cocoaamphoacetate are the results of derivation from coconut fats (i.e. a mixture of lengths, 6 – 18 carbons long; only the even numbers), while the amide chain for Sodium Lauroamphoacetate is lauramide (12 carbons).

**Grouping/clustering proposal:** None
### Zingiber Officinale (Ginger) Root Extract

**FOU = 326**

**Definition:** Zingiber Officinale (Ginger) Root Extract is the extract of the roots of the ginger, *Zingiber officinale*.

**Reported Functions:** Fragrance Ingredients; Skin-Conditioning Agents - Miscellaneous

**Notes:** CAS No. 84696-15-1

**Grouping proposal:** Ginger-derived ingredients (9 ingredients; sum FOU = 510)

1. Zingiber Officinale (Ginger) Extract
2. Zingiber Officinale (Ginger) Leaf Cell Extract
3. Zingiber Officinale (Ginger) Rhizome Extract
4. Zingiber Officinale (Ginger) Root
5. Zingiber Officinale (Ginger) Root Juice
6. Zingiber Officinale (Ginger) Root Oil 171
7. Zingiber Officinale (Ginger) Root Powder 11
8. Zingiber Officinale (Ginger) Water 2

### Leuconostoc/Radish Root Ferment Filtrate

**FOU = 322**

**Definition:** Leuconostoc/Radish Root Ferment Filtrate is a filtrate of the product obtained by the fermentation of *Raphanus sativus* roots by the microorganism, Leuconostoc.

**Reported Functions:** Antifungal Agents; Antimicrobial Agents; Hair Conditioning Agents; Skin-Conditioning Agents - Miscellaneous

**Notes:** UNII: D2QHA03458

**Grouping proposal:** Radish Root Derived-Ingredients (7 ingredients; sum FOU = 327)

1. Leuconostoc/Radish Root Ferment Lysate Filtrate
2. Lactobacillus/Radish Root Ferment Filtrate 2
3. Lactobacillus/Radish Root Ferment Extract Filtrate
4. Raphanus Sativus (Radish) Root Extract 3
5. Raphanus Sativus (Radish) Root Juice
6. Raphanus Sativus (Radish) Root Powder
**Rosa Centifolia Flower Extract**

**Definition:** Rosa Centifolia Flower Extract is the extract of the flowers of *Rosa centifolia*. The accepted scientific name for *Rosa centifolia* is *Rosa x centifolia*.

**Reported Functions:** Abrasives; Bulking Agents; Opacifying Agents

**Notes:** CAS No. 84604-12-6

**Grouping proposal:** Rosa centifolia Derived-Ingredients (11 ingredients; sum FOU = 595)

1. Rosa Centifolia Bud Extract
2. Rosa Centifolia Callus Culture Extract
3. Rosa Centifolia Extract
4. Rosa Centifolia Flower
5. Rosa Centifolia Flower Juice
6. Rosa Centifolia Flower Powder
7. Rosa Centifolia Flower Water
8. Rosa Centifolia Flower Wax
9. Rosa Centifolia Leaf Cell Extract
10. Rosa Centifolia Stem Extract
Phytosteryl/Octyldodecyl Lauroyl Glutamate  
FOU = 313

**Definition:** Phytosteryl/Octyldodecyl Lauroyl Glutamate is the mixed ester of phytosterol and Octyldodecanol with Lauroyl Glutamic Acid.

**Reported Functions:** Skin-Conditioning Agents - Occlusive

**Notes:** CAS No. 220465-88-3. The Panel has previously assessed the safety of phytosterols (e.g., Dihydrophytosteryl Octyldecanoate) and found such ingredients to be safe as used. The Panel has also previously assessed the safety of sodium lauroyl glutamate, and found it to be safe when formulated to be non-irritating.

**Dihydrophytosteryl Octodecanoate:**

**Grouping proposal:** Phytosteryl Glutamates (3 ingredients; sum FOU = 395)

1. Phytosteryl/Behenyl/ Octyldodecyl/Isostearyl Lauroyl Glutamate  
   2. Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate