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KahlWax
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www.kahlwax.com
KahlWax 6698 Orange (INCI (EU): Citrus Aurantium Dulcis Peel Cera, Rhus Verniciflua Peel Cera) is medium hard, orange colored wax with a refreshing citrus scent. It is a 1:1 blend of orange peel wax and berry wax.

Orange peel wax is semi-solid natural wax derived from cold pressed orange oil by means of a physical concentration process. The wax surrounds the fruit, protecting it against environmental influences like high temperatures, while still allowing for moisture exchange. It is used in the cosmetic industry mainly as an emollient for its skin conditioning and smoothening properties. Orange peel wax is combined with berry wax to improve texture, hardness and convenience. Berry wax is a very soft, pale wax derived from berry fruit peels of the Rhus Verniciflua tree. Thanks to its unique structure it is ideal for enhancing crystal structures of other materials.

KahlWax 6698 Orange combines the emollient character of orange peel wax with the texture enhancing and stabilizing properties of berry wax, which makes it very versatile. It is perfectly suited for hair care products, as it conditions, provides smoothness, combability, and shine. Used in leave-on conditioners, it can improve the definition of curls. 6698 is also recommended for color cosmetic formulations, where it enhances pay-off, gloss, and color brilliance. In skin care applications, it provides a pleasantly smooth texture, a rich and nurturing skin feel and improves softness, while adding a protective layer on the skin. Due to its low melting point KahlWax 6698 Orange has no noticeable effect on the viscosity of formulations. Its uplifting and fresh natural orange scent can be best utilized in O/W emulsions. The recommended use level is 0.5–5 %.

KAHLWAX 6698 ORANGE

ORANGES ARE CLASSIFIED INTO SWEET AND BITTER: THE SWEET VARIETIES ARE COMMONLY CONSUMED, WHILE BITTER ORANGES ARE OFTEN USED FOR JAMS AND THEIR ZEST IS USED AS FLAVORING FOR LIQUEURS.
PEACKOISH PEACH | SOFTENING LIPSTICK | CC-LIP-023-07 | STICK

This wonderfully smooth lipstick glides on comfortably thanks to the contained KahlWax 6698 Orange. The lightweight formula delivers a burst of creamy color and all-day moisture in a luxurious satin-soft finish.

**PHASE TRADENAME INCI (EU) SUPPLIER %**

**A** KahlWax 8104 White Beeswax Cera Alba KahlWax 7.00

**A** KahlWax 2442L Carnauba Copernicia Cerifera Cera KahlWax 7.00

**A** KahlWax 2039L Candelilla Euphorbia Cerifera Cera KahlWax 3.00

**A** KahlWax 6697L MB Sunflower Helianthus Annuus Seed Cera, Ascorbyl Palmitate, Tocopherol KahlWax 2.00

**A** KahlWax 6698 Orange Citrus Aurantium Dulcis Peel Cera, Rhus Verniciflua Peel Cera KahlWax 3.00

**A** Jojoba Oil (refined) Simmondsia Chinensis Seed Oil Gustav Heess ad 100

**A** Castor Oil (refined) Ricinus Communis Seed Oil Gustav Heess 14.00

**A** Meadowfoam Seed Oil Limnanthes Alba Seed Oil Natural Plant Products 10.00

**B** FDB&C Red 6 Ba LK CO Disp COD 8002 Ricinus Communis Seed Oil, CI 15850 Sun Chemical 1.00

**B** Red FE Oxide Castor Oil Disp COD 8006 Ricinus Communis Seed Oil, CI 77491 Sun Chemical 1.50

**B** White Castor Oil Disp COD 800B Ricinus Communis Seed Oil, CI 77891 Sun Chemical 5.00

**B** FDB&C Yellow 6 Castor Oil Disp COD 8010 Ricinus Communis Seed Oil, CI 15985 Sun Chemical 0.30

**C** SunShine C80-3201 Super White Synthetic Fluorphlogopite, Titanium Dioxide Eckart 1.30

**C** SynCrystal Ivory Synthetic Fluorphlogopite, Titanium Dioxide, Iron Oxides, Tin Oxide Eckart 3.00

**PROCEDURE**

Combine phase A ingredients and heat to 95 °C under stirring. Add phase B ingredients and stir for approx. 15 minutes with a dissolver. Homogenize for 30 seconds and add phase C under stirring. Cool to 85 °C and fill into suitable packaging.

**LAND OF MILK, HONEY, AND ORANGE | MASSAGE BALM | SC-BOD-042-06 | POT

Escape into another world with this relaxing massage balm. The nourishing formula combines sweet and invigorating orange fragrances with a pleasantly smooth and rich texture.

**PHASE TRADENAME INCI (EU) SUPPLIER %**

**A** Water Aqua -- 10.65

**A** Eumulgin SG Sodium Stearoyl Glutamate BASF 0.30

**A** Glyceryl Glyceryl 1.00

**B** Miglyol Coco 810 Coco-Caprylate/Caprate TDI Oleo 3.65

**B** Coconut Oil (refined) Cocos Nucifera Oil Gustav Heess 7.10

**B** Emulsion Mellifera Polyglyceryl-6 Diolate, Jojoba Esters, Polyglyceryl-3 Beeswax, Cetyl Alcohol Galtefossé 6.00

**B** Cutina GMS-SE Glyceryl Stearate SE BASF 3.00

**B** KahlComplex 6427 Megasoft Crambe Abyssinica Seed Oil, Euphorbia Cerifera Cera, Hydroxyisosteic Acid, Beta-Sitosterol, Rhus Verniciflua Peel Cera, Tocopherol, Helianthus Annuus Seed Oil KahlWax 2.00

**B** KahlWax 6698 Orange Citrus Aurantium Dulcis Peel Cera, Rhus Verniciflua Peel Cera KahlWax 2.50

**C** Uncirt Orange K7011-I Aqua, CI 15510 Sensient 1.00

**C** Orange Ginger NaTrue Parfum Vögele 0.30

**D** Preservative q.s.

**PROCEDURE**

Combine phase A ingredients and stir until a homogeneous gel is obtained. Heat phase A and B separately to 75 °C. Add phase B to A under slow stirring. Avoid the formation of foam. Cool to 45 °C and add phase C and D. Fill into packaging.
DON'T COMPARE APPLES AND ORANGES | BODY BUTTER | SC-BOD-051-06 | POT

This rich body butter features a velvety smooth texture that melts upon skin contact. Formulated with moisturizing ingredients, like KahlWax 6698 Orange, it is perfectly suited to nourish dry skin.

<table>
<thead>
<tr>
<th>PHASE</th>
<th>TRADENAME</th>
<th>INCI (EU)</th>
<th>SUPPLIER</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Water</td>
<td>Aqua ---</td>
<td>ad 100</td>
<td></td>
</tr>
<tr>
<td>A1</td>
<td>Pure Gel 8990</td>
<td>Sodium Hydroxypropyl Starch Phosphate</td>
<td>Paroxite 4.80</td>
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</tr>
<tr>
<td>B</td>
<td>Arlacel 165</td>
<td>Glyceryl Stearate, PEG-100 Stearate</td>
<td>Croda 4.20</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Lanette O</td>
<td>Cetearyl Alcohol</td>
<td>BASF 2.10</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Almond Oil</td>
<td>Prunus Amygdalus Dulcis Oil</td>
<td>Henry Lamotte 23.20</td>
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<tr>
<td>B</td>
<td>KahlWax 6698 Orange</td>
<td>Citrus Aurantium Dulcis Peel Cera, Rhus Verniciflua Peel Cera</td>
<td>KahlWax 1.50</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>KahlComplex 6422 Veggiesoft</td>
<td>Rhus Verniciflua Peel Cera, Simmondsia Chinensis Seed Oil, Cetearyl Alcohol, Myristyl Alcohol, Caprylic/Capric Triglyceride, Copernicia Cerifera Cera, Trcocophen</td>
<td>KahlWax 4.00</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>Orange Ginger NaTrue</td>
<td>Parfum</td>
<td>Vögele 0.50</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>Preservative</td>
<td>q.s.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PROCEDURE


ORANGE CREAMSICLE | HAIR MILK | HC-LEN-003-11 | TUBE

Featuring KahlWax 6698 Orange, this conditioner with vitalizing citrus scent protects and nourishes hair and scalp. The rinse-off formula detangles and softens strands for beautiful, shiny, healthy-looking hair.

<table>
<thead>
<tr>
<th>PHASE</th>
<th>TRADENAME</th>
<th>INCI (EU)</th>
<th>SUPPLIER</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Water</td>
<td>Aqua ---</td>
<td>ad 100</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>Lexquat C-PF</td>
<td>Cocamidopropyl PG-Dimonium Chloride</td>
<td>Inolox 5.00</td>
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<tr>
<td>A</td>
<td>Varsolf EQ 100</td>
<td>Quaternium-38</td>
<td>Evonik 1.00</td>
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<tr>
<td>B</td>
<td>Arlacel 165</td>
<td>Glyceryl Stearate, PEG-100 Stearate</td>
<td>Croda 3.00</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Lanette O</td>
<td>Cetearyl Alcohol</td>
<td>BASF 4.00</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>KahlWax 6698 Orange</td>
<td>Citrus Aurantium Dulcis Peel Cera, Rhus Verniciflua Peel Cera</td>
<td>KahlWax 3.00</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Emulium Kappa 2</td>
<td>Candelilla/Olive/Brassica Polyglycerol-3 Esters, Glyceryl Stearate, Cetearyl Alcohol, Sodium Stearoyl Lactylate</td>
<td>Gattefosse 1.00</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Apricot Kernel Oil (refined)</td>
<td>Prunus Armeniaca Kernel Oil</td>
<td>Gustav Heess 2.00</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Miglyol 8120</td>
<td>Butylene Glycol Diisostearate/Dicaprate</td>
<td>TIO Oleo 2.00</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Uncient Orange K/7011-J (0.10 %)</td>
<td>Aqua, CI 15510</td>
<td>Sensens 0.60</td>
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</tr>
<tr>
<td>C</td>
<td>Orange Ginger NaTrue</td>
<td>Parfum</td>
<td>Vögele 0.30</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>Preservative</td>
<td>q.s.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PROCEDURE

Heat phase A ingredients to 80 °C. Blend phase B ingredients and heat to 80 °C. Add phase B to A under vigorous stirring. Mix until uniform. Cool mixture to 40 °C and add phase C. Cool down to RT under stirring and fill into suitable packaging.