


Principal/Trade Name, INCI
Weight %
Phase A
Purified Water 73.75%

Versene Na2 Crystals 0.05%
Disodium EDTA

Carbopol® Ultrez 30 Polymer 0.35%
Carbomer
Phase B

AMIHOPE® LL 0.10%
Lauroyl Lysine
Magnol 1600 3.00%
Cetyl Alcohol

GMS-SE 1.50%
Glyceryl Monosterate

Glucamate™ SSE-20 Emulsifier 1.00%
PEG-20 Methyl Glucose Sesquistearate
Phase C

Palmera® G997U 2.00%
Glycerin

RonaFlair® Flawless 1.50%
Silica, Titanium Dioxide, Iron Oxides
Purified Water 10.00%

Phase D

INACALM® 1.00%
Bentonite, Silver Carboxymethylalaninate

Mirasil® C-DML Silicone 3.00%
Cyclopentasiloxane, Dimethiconol
Phase E

Actiphyte® Pomegranate GL 100 P 1.00%
Glycerin, Punica Granatum Extract

ACTIFIRM® ULTRA 1.00%
Centella Asiatica Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract, Dipropylene Glycol, Echinacea Augustifolia Leaf Extract, SD Alcohol 40-B
Phenoxyethanol 0.60%

Sodium Hydroxide (18% solution) 0.15%
Sodium Hydroxide
Product Properties:
Appearance: Beige thick cream

pH: 4.5-5.5

Viscosity: 10,000-40,000 cps (RVT 5@20)

Stability: passed 50C (1 week), FT (5 cycles)

Procedure:

Phase A: Load the main tank with cold water and start mixing at moderate speed.

Add Versene Na2 Crystals and mix to dissolve. Add Carbopol® Ultrez 30 Polymer into the vortex and mix until the powder is dissolved. Start heating to 80C. **Phase B:** Add all ingredients in a secondary vessel and heat to 75-80C. At 80C , add slowly phase B into phase A . Maintain the heat for 5 min while mixing. Start cooling the batch to RT.

Phase C : Premix all ingredients until the slurry is uniform . Add Phase C into the main batch at 55-60C . Mix well, until the batch is uniform.

Phase D: Premix INACALM® with Mirasil® C-DML Silicone until uniform. Add it slowly to the main batch. Mix well while mixing. The temperature of the batch should be 50-55C.

Phase E: Add each ingredient in the indicated order and mix well after each addition.

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Lubrizol

Carbopol® Ultrez 30 Polymer-This crosslinked acrylic acid homopolymer provides a solution for formulating skin care products with low to medium viscosities. Its improved electrolyte tolerance and broad pH compatibility makes it ideal for formulating products with botanical extracts or water-soluble salts, as well as acidic actives or ingredients such as alpha hydroxy acids, salicylic acid or organic acid preservatives at a pH range as low as 4.0 - 4.5.

AJINOMOTO

AMIHOPE® LL is an amino acid based functional powder derived from L-Lysine (an amino acid) and fatty acids. It is insoluble in both water and oil. Its flat, hexagonal, and crystalline structure gives AMIHOPE® LL a very smooth, soft, silky feel, making it an ideal ingredient in cosmetic products. AMIHOPE® LL can be used as a pigment-dispersing agent or a texture improver in makeup, skin care, and hair care products.

Lubrizol

Glucamate™ SSE-20 Emulsifier is a unique, vegetable-derived, nonionic (o/w) emulsifier. With extremely low eye irritation scores, this ingredient is perfect for creams, lotions and make-ups used near the eye.



RonaFlair® Flawless is a functional filler composed of silica spheres coated with titanium dioxide and iron oxides. The uniform shape of the substrate and the sophisticated coating technology combine to fill in wrinkles and diffuse light to create an even surface distribution. With this “soft focus” effect, skin immediately looks smoother and wrinkles appear practically invisible. The peach-colored powder combines excellent transparency with gloss-reducing and mattifying properties.

IK INABATA

INACALM® is a pluri-active ingredient. It is a soothing active for all sensitive skin, even scalp and anti-stress cutaneous active for purifying skin with imperfections. This active can be included in face care formulas such as BB cream and purifying serums, but also in anti-dandruff shampoos.



Mirasil® C-DML Silicone is a blend of very high viscosity Dimethiconol in cyclopentasiloxane. The cyclopentasiloxane will evaporate, leaving the Dimethiconol on the skin or on hair providing an increased substantivity and conditioning effect. It imparts a smooth dry feel on the skin and can help to improve water-resistance properties and long lasting effect in sun care products. Mirasil® C-DML Silicone confers antistatic and gloss effects to hair and leaves the hair with a soft, silky feel. It will contribute to improve both wet and dry combing and is recommended in cuticle coat products, for its protecting action and treatment of split ends.

active organics

Actiphyte® of Pomegranate -The pomegranate fruit contains high levels of antioxidants, vitamin C, as well as other vitamins and minerals. It's an incredible antioxidant, anti-microbial, anti-inflammatory and has anti-aging properties and the ability to encourage radiant skin. Pomegranates help protect the epidermis and helps with skin cell regeneration in the epidermis and dermis.

active organics

ACTIFIRM® ULTRA is a blend of three natural extracts with complementary anti-aging properties which help to increase dermal thickness and density suggesting an enhanced production of matrix components. It will also reduce the appearance of fine lines and wrinkles.