






Principal/Trade Name, INCI Weight %

Phase A

Purified Water	70.15%
Versene Na2 Crystals <i>Disodium EDTA</i>	0.05%

Phase B

 Palmera® G997U <i>Glycerin</i>	4.00%
 KELTROL® CG-T Xanthan Gum <i>Xanthan Gum</i>	0.60%
 POLYCOS 18/I-85 LS-C <i>Ceratonia Siliqua Gum</i>	0.80%




Phase C

 Palmera® G997U <i>Glycerin</i>	2.00%
 INACALM® <i>Bentonite, Silver Carboxymethylalaninate</i>	1.00%



Phase D

 AMISOFT® HS-11 P <i>Sodium Stearoyl Glutamate</i>	2.00%
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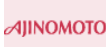
Phase E

 Coconut Oil <i>Cocos Nucifera (Coconut) Oil</i>	2.00%
 ELDEW® PS-306 <i>Phytosteryl/Behenyl / Octyldodecyl Lauroyl Glutamate</i>	1.00%
 Soy Lecithin <i>Lecithin</i>	0.30%
Magnol 1600 <i>Cetyl Alcohol</i>	1.00%

Phase F

 Palmera® G997U <i>Glycerin</i>	2.00%
 RonaFlair® Flawless <i>Silica, Titanium Dioxide, Iron Oxide</i>	1.50%
Purified Water	8.00%

Phase G

 ACTIFIRM® ULTRA <i>Centella Asiatica Extract, Echinacea Angustifolia Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract</i>	1.00%
 AJIDEW® NL-50 <i>Sodium PCA, Water</i>	0.50%
Phenoxyethanol	0.60%

Product Properties:

Appearance: Thick emulsion

pH: 5.5-6.5

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

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

Procedure:

Phase A- Load the main vessel with cold water and start mixing at high speed . Add Versene Na2 Crystals and mix until dissolved.

Phase B-In a secondary vessel add Glycerin, KELTROL® CG-T Xanthan Gum and POLYCOS 18/I-85 LS-C and mix until the premix is uniform, then add it into the main batch. Mix at high speed for 30 minutes or until the batch is free of lumps and uniform.

Phase C-Premix Glycerin and INACALM® until homogenous (no lumps) , and add it slowly to the main batch. Mix until the batch is uniform. Start heating to 80-85C.

Phase D- When the batch reaches 55C, add AMISOFT® HS-11P and mixing well . Reduce the mixing speed to avoid creating foam.

Phase E-Add all ingredients in a separate vessel and heat to 75C stirring continuously. At 75-80C , add Phase E to the main batch and mix well. Homogenize at 6000 rpm .Start cooling to RT while mixing slowly.

Phase F- Premix all ingredients and add the premix to the main batch at 65C . Mix thoroughly.

Phase G-When the batch reaches 50-55 C, add each ingredient mixing well after each addition. Homogenize slightly at the end.

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KELTROL® CG-T Xanthan Gum is a high molecular weight polysaccharide produced by microbial fermentation. Used in lotions and creams, suntan lotions and sunscreens, hair care products, make-up, mascara, and eyeliner, face masks and packs, toothpaste, shampoo, shower gel / body wash and shaving foams. Acts as a thickener and a stabilizer. Offers characteristics such as stability over a wide range of pH and temperature and resistance to enzymatic degradation. Shows compatibility in the presence of anionic, amphoteric and non-ionic surfactants and high concentrations of salt.

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POLYCOS 18/85 LS-C (Locust Bean Gum) is a natural thickening and gelling agent that is extracted from the seeds of the Carob Tree.



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.

AJINOMOTO

AMISOFT® HS-1 IP is a N-acyl amino acid salt. It is mild to skin and hair, and shows good biodegradability. This product can be used in facial cleansers, shampoos, and body wash, and is a very effective emulsifier for creams and lotions.

AJINOMOTO

ELDEW® PS-306 is an emollient derived from glutamic acid, natural fatty acid, higher alcohol and phytosterol. Because of its high affinity for the skin, **ELDEW®** starts to moisturize effectively as soon as it is applied. Further, this efficacy persists over long periods of time. Applied to SDS-induced damaged skin, **ELDEW®** helps skin recover its ability to retain moisture, thus improving rough skin conditions.

AJINOMOTO

AJIDEW® NL-50 is a natural humectant derived from L-Glutamic acid. Known to be abundant in human skin as a component of NMF (Natural Moisturizing Factor), this humectant helps keep skin and hair fresh-looking.



Soy Lecithin- acts as an emulsifier as well as helps to hydrate, replenish and repair the skin due to its essential fatty acid content. It is naturally derived from soybeans, and offers skin protection qualities and acts as a natural moisturizer. It is a source of choline and inositol, which are important components of all cell membranes, and play an important role in cell growth and function.



RonaFlair® Flawless is a functional filler that corrects the skin complexion. 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 – ideal for anti-aging product claims. The peach-colored powder combines excellent transparency with gloss-reducing and mattifying properties. **RonaFlair® Flawless** can be used in all skin care and decorative cosmetic formulations. Its pleasant, powdery skin feel and easy handling are valued not only in powder formulations but also foundations and emulsions.



ACTIFIRM® ULTRA Advanced Botanical Ingredient is a combination of three natural extracts that has been designed to boost and protect the structural elements that maintain the integrity of the skin, such as collagen, elastin, and hyaluronic acid (HA). The ingredient increases thickness and density of the skin and provides firming and anti-wrinkle effects. This product can be incorporated into anti-aging formulations, specifically to provide a firming effect and/or reverse the appearance of wrinkles.