

Principal/Trade Name, INCI

Weight %

Phase A

Purified Water 89.290%



Palmera® G997U 2.00%
Glycerin



KELTROL® CG-SFT Xanthan Gum 0.30%
Xanthan Gum



Glucono Delta Lactone 1.00%
Glucono Delta Lactone

1.00%



GLYCINE
Glycine



AJIDEW® NL-50 1.00%
Sodium PCA, Water



Actiphyte® of Pomegranate GL 100NP 1.00%
Glycerin, Water, Punica Granatum Extract



Actiphyte® of Coix Seed GL 1.00%
Glycerin, Water, Coix Lacryma-Jobi (Job's Tears) Seed Extract

Phase B

Pomegranate T-7320 0.60%
Fragrance

Kolliphor RH 40 1.00%
PEG-40 Hydrogenated Castor Oil

Phase C



D&C Red 33 (0.1% solution) 0.35%
Red 33

Euxyl PE 9010 1.00%
Phexoxyethanol, Ethylhexylglycerin

Product Properties:

Appearance: Clear pink liquid

pH: 4.2-4.5

Viscosity: NA

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

Procedure:

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

In a secondary vessel premix Glycerin and KELTROL® CG-SFT Xanthan Gum and mix until the premix is uniform. Add slowly the premix into the main tank and mix well until the batch is homogeneous. Reduce the mixing speed to avoid aeration.

Add the remaining of ingredients of phase A in the indicated order, mixing well after each addition.

Phase B: Premix Kolliphor RH 40 and fragrance and heat to 40C, mixing constantly. Once the premix is clear, add it to the main batch and mix well. The batch should be clear.

Phase C: Add the color to the main batch and mix.

Add Euxyl PE 9010 and mix until the batch is clear.

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KELTROL® CG-SFT Xanthan Gum is a xanthan gum product with smooth-flow rheology that gives transparent solutions. It is a low-dusting, free-flowing powder for transparent solutions that is stable over wide pH range. It is designed specifically for use in cosmetics and other personal care products such as shower gels, liquid soaps, sunscreens, lotions and creams, eye make-up, hair care products, as well as shaving creams and foams.

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.



Glucono Delta Lactone is a Polyhydroxy acid (PHA) derived from gluconic acid that can be used as a natural exfoliant therefore having the ability to reduce the look of wrinkles. It is believed to be much more gentle to the skin than AHA's which are commonly used for this application. It also exhibits antimicrobial, chelating and moisturizing properties.



Actiphyte® of Coix Seed is rich in essential fatty acids which helps to nourishes and replenishes skin, reduce the appearance of wrinkles, help to reduce pore size, treat dark spots, moisturize skin.

Actiphyte® of Pomegranate – Pomegranate fruit contains antioxidants, vitamin C, as well as other vitamins and minerals. It also has anti-microbial and anti-inflammatory properties. It leaves the skin looking radiant as it helps to protect epidermis.