














Principal/Trade Name, INCI	Weight %
Phase A	
Purified Water	62.50%
 Palmera® G997U Glycerin	4.00%
 CEKOL® 20000P Cellulose Gum Cellulose Gum	0.50%
 KELTROL® CG-SFT Xanthan Gum Xanthan Gum	0.50%
 POLYCOS® RS-STE Oryza Sativa (Rice Starch)	1.50%
Phase B	
 Sweet'N'Neat® 50 Sucrose, Maltodextrin, Honey	0.50%
 ProFam 78I Soy Protein Isolate	0.50%
Purified Water	5.00%
Phase C	
 AMISOFT® CS-22 Disodium Cocoyl Glutamate, Sodium Cocoyl Glutamate, Water	10.00%
 AMILITE® GCS-12K Sodium Cocoyl Glycinate, Water	10.00%
Citric Acid powder Citric Acid	0.60%
 PRODEW® P-DS-12 Sodium Caproyl Prolinate, Water	2.00%
 AJIDEW® NL-50 Sodium PCA, Water	0.50%
Phase D	
Vanilla U-11392 Fragrance	0.30%
 T-Maz® 20 Polysorbate 20	0.60%
Phase E	
Phenoxyethanol	0.60%
Sodium Benzoate	0.20%
Potassium Sorbate	0.20%

Product Properties:

Appearance:	Milky, smooth liquid
pH:	5.0-5.70
Viscosity:	3000-6000 cps (RVT 5@20)
Stability:	passed 50C (1 week), FT (5 cycles)

Procedure:

Phase A- Load the main tank with cold Purified Water and start mixing at high speed .

In a secondary vessel add Glycerin and CEKOL® 20000P Cellulose Gum and mix until the premix is uniform, then add KELTROL® CG-SFT Xanthan Gum and mix well for a homogeneous system. Add the premix into the main batch and mix well for 30 min or until the batch will become thick and uniform. Reduce the mixing speed to avoid aeration. Add the POLYCOS®RS-STE and mix well until all powder is dispersed.

Phase B- In a secondary tank add all ingredients and mix well . The premix should be uniform, free of lumps prior to adding it to the main tank. Once added to the batch, mix until well to disperse uniformly.

Heat while mixing , to 70-75C C to allow maximum hydration of the gums, then cool to 30-35 C.

Phase C : At 60C, add slowly each ingredient (in the indicated order) to the main tank and mix at a slow speed to avoid aeration.

Phase D : Premix the Fragrance and T-Maz 20 until is clear, then add it slowly to the main tank.

Phase E: Add all ingredients of phase E and mix well.

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CEKOL® 20000P Cellulose Gum is a natural Cellulose Gum polymer derived from wood and cotton. It is natural and imparts viscosity and stabilization to aqueous systems. **CEKOL®** is known for its excellent water retaining and film forming capability.



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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.



Sweet'n'Neat® 50- Honey is a natural humectant as it has a hygroscopic nature, therefore when exposed to air, it naturally absorbs moisture in from the air. Honey also exhibits antimicrobial properties as it contains an enzyme agent that prohibits the growth of certain bacteria.



Profam 781- Soy proteins work as natural skin moisturizer as well as provide conditioning properties in hair care.

polygal ag

POLYCOS® RS-STE is a natural, soft, physically modified, surface-active rice starch with a specific softness due to its fine particle size of approximately 8 µm. Rice starch provides high adsorption for oil and fats especially developed for powder buffer applications as alternative to talcum powder, improving moisture balance and reducing the dry out of the skin.

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.

AJINOMOTO

PRODEW® P-DS-12 is an amino acid based humectant derived from L-Proline and fatty acid. It has a good moisturizing effect and can work as a booster for antimicrobials.

AJINOMOTO

AMILITE® GCS-12K is a cleansing agent based on glycine, the main constituent amino acid of human collagen, and coconut fatty acids. It produces creamy and resilient foam under neutral and alkaline conditions. It leaves fresh feeling on the skin after washing without taut feeling.

AJINOMOTO

AMISOFT® CS-22 has an excellent conditioning affect on the skin, leaving a moisturized feeling without tautness. It also has a similar effect to the hair, leaving a silky feeling without a dry, coarse feel.