




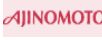






Principal/Trade Name, INCI
Weight %
Phase A

	Purified Water	70.56%
	Palmera® G997U Glycerin	4.00%
	CEKOL® 20000P Cellulose Gum Cellulose Gum	0.40%
	KELTROL® CG-RD Xanthan Gum Xanthan Gum	0.40%

Phase B

	AMISOFT® CK-22 Potassium Cocoyl Glutamate, Water	10.00%
	AMILITE® GCK-12H Potassium Cocoyl Glycinate, Potassium Cocoate, Water	7.00%
	Aquadew® SPA 30B Sodium Polyaspartate, Water	2.00%
	AJIDEW® NL-50 Sodium PCA, Water	0.50%
	L-Aspartic Acid Aspartic Acid	0.20%
	L-Arginine Arginine	0.20%

Phase C

	Purified Water	2.40%
	AMIHOPE® LL Lauroyl Lysine	0.80%
	Sodium Hydroxide 18% sol Sodium Hydroxide	0.09%

Phase D

	Citric Acid powder Citric Acid	0.45%
	Euxyl PE 9010 Phenoxyethanol, Ethylhexyl Glycerin	1.00%

Product Properties:

Appearance:	Pearly, homogenous liquid
pH:	5.50-6.50
Viscosity:	3500-6000 cps (RVT 4@20)
Stability:	passed 50C (1 week), FT (5 cycles)

Procedure:

Phase A- Load the main tank with cold 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-RD Xanthan Gum and mix well for a homogeneous system. Add the premix into the main batch and mix well. The batch will become thick and uniform. Reduce the mixing speed to avoid aeration.

Phase B- Add each ingredient and mix well after each addition. Allow each ingredient to blend homogeneously into the gel of Phase A before adding the next one. The batch should be uniform.

Phase C -Mix well all ingredients in a secondary vessel until the AMIHOPE®LL is incorporated (the pH of the premix should be 12). The premix should be a thin, uniform pearly white liquid. Add Phase C to the main batch slowly and mix well for a homogeneous system.

Add each ingredient of **Phase D** into the main batch and mix well after each addition.

The information contained herein is being furnished for informational purposes only, upon the express condition that the User is solely responsible for determining the suitability of the products in all contemplated uses and applications notwithstanding any technical information provided by L.V. Lomas Limited ("Lomas"). While the information contained herein is believed to be reliable, no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for a particular application or the results to be obtained herefrom. Lomas shall have no liability to the User or to any third party based upon or arising out of the results obtained or situations caused by the use or handling of any material, whether used singly or in combination with other materials. LOMAS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. It is the User's sole responsibility to determine if there are any issues relating to patent infringement of any component or combination of components relating to the suppliers information. Nothing contained herein is to be considered as permission, recommendation, nor an inducement to practice any patented invention without the permission of the patent owner.



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.



KELTROL® CG-RD Xanthan Gum is an agglomerated transparent xanthan gum product designed specifically for use in cosmetics and other personal care applications where problems with poor dispersion capabilities preclude the use of a standard 80-mesh product. It is ideal for use in formulations where high clarity is desired. It also enhances the stability of emulsions, suspensions, and foams.

AJINOMOTO

AMISOFT® CK-22 is a mild natural surfactant, created from the amino acid, L-Glutamic Acid and coconut fatty acids. This product is hypo-allergenic and non-comedogenic. It is derived from natural sources and is highly biodegradable.

AJINOMOTO

AMILITE® GCK-12H is a Glycine-derived liquid surfactant that is mild to the skin while exhibiting abundant foam and creamy lather, even in the presence of oils.

AJINOMOTO

Aquadew® SPA- 30B is an effective moisturizer derived from aspartic acid, a naturally occurring amino acid. This product has excellent moisturizing properties, maintains natural hair feel, is extraordinarily safe, biodegradable, and has a high moisture retention.

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

L-Aspartic Acid is naturally found in skin collagen. It is making up the amino acid profile of the hair and the hair conditioning.

AJINOMOTO

L-Arginine is a typical basic amino acid with a cellular activatory effect. L-arginine is also widely used as a mild, natural neutralizer. L-glutamic acid, on the other hand, is a typical acidic amino acid, widely used as a mild neutralizer or a pH adjuster.

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.