

Formula Name : ALPHA MASK LOTION

Lot.No.27-SKL-10

(NIKKOL Purephos Alpha: 0.7%)


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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Cetyl Phosphate	NIKKOL Purephos Alpha	Emulsifier	NIKKO CHEMICALS	0.7000
Cetyl Alcohol		Viscosity modifier, Stabilizer		0.3500
Trimethylsiloxyphenyl Dimethicone	BELSIL PDM 20	Emollient agent	WACKER	3.0000
Dimethicone	BELSIL DM 350	Emollient agent	WACKER	0.3000
Hydrogenated Retinol,Caprylic/Capric Triglyceride	NIKKOL Letinol H10	Anti-wrinkle	NIKKO CHEMICALS	1.0000
B				
Arginine		Neutralizer		0.4500
Glycerin		Moisturizer		3.0000
Betaine		Moisturizer		2.0000
C12-13 Alkyl Glyceryl Hydrolyzed Hyaluronate	Hyalorepair	Moisturizer, Anti-skin roughening	Kewpie	0.1000
Xanthan Gum,Water	(2% aq.)	Thickener		5.0000
Acrylates/C10-30 Alkyl Acrylate Crosspolymer,Water	PEMULEN TR-2 (2% aq.)	Thickener, Emulsifier	Lubrizol	5.0000
Disodium EDTA		Chelating agent		0.0300
Phenoxyethanol		Antimicrobial agent		0.4000
Water				63.4700
C				
Butylene Glycol		Moisturizer		5.0000
Polymethyl Methacrylate,Mica,Titanium Dioxide	HV45-PM20	Pearl pigment	Toshiki Pigment	2.0000
D				
Polyglyceryl-10 Laurate,Glycerin,Dimethicone,Water	NIKKOL NET-813-1	Emollient agent, Texturizer	NIKKO CHEMICALS	2.0000
E				
Rosmarinus Officinalis (Rosemary) Leaf Extract,Lecithin,Water	Merospheres V	Anti-skin roughening	AGI Dermatics	1.0000
Water				5.0000
F				
(Essential oils)	Rose Flower Oil : Citrus Aurantium Bergamia (Bergamot) Fruit Oil = 2 : 1	Fragrance		0.2000
			Total	100.0000
Procedure				
1. Mix B, C respectively until uniform, and then add C to B.				
2. Heat A and B+C up to 80°C respectively and mix until uniform.				
3. Add A to B+C gradually while mixing, then emulsify with homogenizer.				
4. Cool down to 35°C with mixing, then add D, E to A+B+C respectively and mix until uniform.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.3 6rpm/30sec.) : 1800 ~ 3000 mPa · s			· RT, 45°C, 5°C : Confirmed for 3 month	
pH(bulk) : 6.0 ~ 6.5			· 50°C, -5°C, Cycle(-5⇔45°C) : Confirmed for 1 month	

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We do not guarantee the stability of the final products of formulations in this brochure though the stability was checked under certain conditions.

We do not guarantee the preservation property of this formulation as we do have not checked it.

We do not guarantee that this formulation does not conflict with any patent.

It is users' responsibility to determine the suitability for their own use of the formulation.