

Formula Name : Kuma Cream

Lot.No.27-SKC-10

(NIKKOL Nikkolupid 81S: 3.5%)

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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Batyl Alcohol,Stearic Acid,Lecithin,Caprylic/Capric Triglyceride	NIKKOL Nikkolupid 81S	Emulsifier, Anti-inflammatory	NIKKO CHEMICALS	3.5000
Glyceryl Stearate	NIKKOL MGS-BV2	Emulsifier	NIKKO CHEMICALS	2.5000
Behenyl Alcohol	NIKKOL Behenyl Alcohol 80	Viscosity modifier, Stabilizer	NIKKO CHEMICALS	2.0000
Methylheptyl Isostearate	NIKKOL GS-MHIS	Emollient agent	NIKKO CHEMICALS	3.0000
Diisopropyl Adipate	NIKKOL DID	Emollient agent	NIKKO CHEMICALS	4.0000
Triethylhexanoin	NIKKOL Trifat S-308	Emollient agent	NIKKO CHEMICALS	5.0000
Polyglyceryl-10 Hydroxystearate/Stearate/Eicosadioate,Dextrin Palmitate	NIKKOL Nikkowax LM	Emollient agent	NIKKO CHEMICALS	4.5000
Ascorbyl Tetraisopalmitate	NIKKOL VC-IP	Whitening, Anti-aging	NIKKO CHEMICALS	1.0000
Dimethicone	SILICONE HL-88	Emollient agent, Texturizer	NIKKO CHEMICALS	1.0000
Ethylhexylglycerin,Glyceryl Caprylate	NIKKOL Nikkoguard 88	Antimicrobial agent	NIKKO CHEMICALS	0.4000
B				
Butylene Glycol		Moisturizer		5.0000
Hydroxypropyl Methylcellulose	METOLOSE 60SH-4000	Thickener	Shin-Etsu Chemical	0.2500
Polymethyl Methacrylate,Mica,Titanium Dioxide	HV45-PM20	Pearl pigment	Toshiki Pigment	3.0000
Iron Oxides,Butylene Glycol,Water,Polyquaternium-7	BG45GYQ	Inorganic pigment	KOBO Products	0.0200
C				
Carbomer,Water	TC-CARBOMER 380 (2% aq.)	Thickener	Guangzhou Tinci Materials Technology	15.0000
Glycerin		Moisturizer		7.0000
Water				29.8100
D				
Sodium Hydroxide		pH adjuster, Neutralizer		0.0200
Water				5.0000
E				
Pinanediol,Camphanediol,Butylene Glycol Water,Glycerin,Citrullus Vulgaris (Watermelon) Fruit Extract, Citrullus Lanatus (Watermelon) Fruit Extract,Lens Esculenta (Lentil) Fruit Extract,Pyrus Malus (Apple) Fruit Extract,Sodium PCA,Sodium Lactate Water	PINOXIDE AcquaCell	Blood flow stimulant Moisturizer, Anti-wrinkle	AGI Dermatics Barnet Products	1.0000 2.0000
				5.0000
			Total	100.0000
Procedure				
1. Disperse B at room temperature, then mix B and C until uniform.				
2. Heat A and B+C to 80°C to dissolve.				
3. Add A to B+C while homogenizing, and emulsify by homogenizer.				
4. Add D into A-C and cool down with stirring.				
5. Add E into A-D at 35°C, and mix until uniform.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.4 6rpm/60sec.) : 198600 mPa · s			· RT, 45°C, 5°C : Confirmed for 3 month	
pH(10%) : 5.2			· 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.