

Formula Name : Moisture Essence

Lot.No.36-SUL-1

(NIKKOL Nikkomulose LH: 2.5%)

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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Glyceryl Stearate	NIKKOL MGS-BV2	Emulsifier	NIKKO CHEMICALS	0.5000
Triethylhexanoin	NIKKOL TRIFAT S-308	Emollient agent	NIKKO CHEMICALS	4.0000
Dimethicone	KF-96A-6cs	Emollient agent	Shin-Etsu Chemical	0.5000
Ethylhexylglycerin,Glyceryl Caprylate	NIKKOL Nikkoguard 88	Antimicrobial agent	NIKKO CHEMICALS	0.5000
B				
Glycerin,Hydrogenated Lecithin,Hydroxypropyl Methylcellulose Stearoy Ether,Squalane, Sodium Methyl Stearoyl Taurate	NIKKOL Nikkomulose LH	Emulsifier, Thickener	NIKKO CHEMICALS	2.5000
Xanthan Gum,Water	(2%aq.)	Thickener		10.0000
Carbomer,Water	TC-CARBOMER 380 (2% aq.)	Thickener	Guangzhou Tinci Materials Technology	5.0000
Butylene Glycol		Moisturizer		8.0000
Glycerin		Moisturizer		3.0000
PEG/PPG/Polybutylene Glycol-8/5/3 Glycerin	WILBRIDE S-753	Moisturizer	NOF	4.0000
Propanediol		Moisturizer		2.0000
Sorbitol,Water		Moisturizer		1.0000
Water				50.7000
C				
Potassium Hydroxide,Water	(10% aq.)	Neutralizer		0.3000
D				
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	AcquaCell	Moisturizer, Anti-wrinkle	Barnet Products	3.0000
Water				5.0000
			Total	100.0000
Procedure				
1. For B, mix NIKKOL Nikkomulose LH and water by paddle-mixer for 30 minutes to swell, and then add other ingredients and mix until uniform.				
2. Heat A and B to 80°C respectively, and mix until uniform.				
3. While stirring B by homogenizer, add A into B gradually and emulsify at 80°C for a certain period of time.				
4. Add C into A+B and then cool down to 35°C while stirring.				
5. Add D into A+B+C while stirring.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.3 6rpm, 30sec.) : 7810 mPa · s			· RT, 45°C, 5°C : Confirmed for 3 months	
pH(bulk) : 5.5			· 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.