

Formula Name : Moist Gel Cream

Lot.No.27-MGC-1

(NIKKOL Nikkomulose LH: 4.0%)



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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Glyceryl Stearate	NIKKOL MGS-BV2	Emulsifier	NIKKO CHEMICALS	1.0000
Myristyl Alcohol	NAA-43	Emollient agent	NOF	0.5000
Behenyl Alcohol	NIKKOL Behenyl Alcohol 65	Viscosity modifier	NIKKO CHEMICALS	0.5000
Batyl Alcohol	NIKKOL Batyl Alcohol EX	Emollient agent, Anti-inflammatory	NIKKO CHEMICALS	0.3000
C15-19 Alkane	EMOGREEN L19	Emollient agent	SEPPIC	10.0000
Triethylhexanoin	NIKKOL Trifat S-308	Emollient agent	NIKKO CHEMICALS	6.0000
Simmondsia Chinensis (Jojoba) Seed Oil	NIKKOL Jojoba Oil S	Emollient agent	NIKKO CHEMICALS	2.0000
Squalane	NIKKOL SQUALANE	Emollient agent	NIKKO CHEMICALS	3.0000
Dimethicone	KF-96A-350cs	Emollient agent, Antifoaming agent	Shin-Etsu Chemical	2.0000
B				
Glycerin, Hydrogenated Lecithin, Hydroxypropyl Methylcellulose Stearoyl Ether, Squalane, Sodium Methyl Stearoyl Taurate	NIKKOL Nikkomulose LH	Emulsifier	NIKKO CHEMICALS	4.0000
Propanediol		Moisturizer, Solvent		5.0000
Glycerin		Moisturizer		2.0000
Phenoxyethanol		Antimicrobial agent		0.5000
Xanthan Gum, Water	(2%aq.)	Thickener		5.0000
Dipotassium Glycyrrhizate	DPG	Anti-inflammatory	Maruzen Pharmaceuticals	0.0500
Water				58.1500
			Total	100.0000
Procedure				
1. For B, mix NIKKOL Nikkomulose LH and water by paddle-mixer for 30 min. Then, add other ingredients and mix well.				
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. Cool down to 35°C while stirring.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.4 6rpm/30sec.) : 40000 ~ 50000 mPa · s			on going	
pH(bulk) : 5.7				

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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.