

Formula Name: Sleep Recovery Vitamin Balm

Lot.No.69-HSM-2

 (NIKKOL Purephos α : 1.0%)

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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Cetyl Phosphate	NIKKOL PUREPHOS α	Emulsifier	NIKKO CHEMICALS	1.0000
Cetyl Alcohol		Viscosity modifier, Stabilizer		6.0000
Butyrospermum Parkii (Shea) Butter		Emollient agent		5.0000
Macadamia Ternifolia Seed Oil	NIKKOL Macadamia Nut Oil	Emollient agent	NIKKO CHEMICALS	3.0000
Squalane, Tocopherol, Retinyl Linoleate	NIKKOL VA-LINO 10	Anti-wrinkle, Brightening	NIKKO CHEMICALS	1.0000
Tocopherol		Antioxidant		0.0500
Ethyl Linoleate	NIKKOL VF-LINOV	Brightening	NIKKO CHEMICALS	1.0000
Hydrogenated Lecithin	NIKKOL Lecinol S-10	Emulsifier, Anti-inflammatory, Moisturizer	NIKKO CHEMICALS	0.5000
Hydrogenated Palm Oil, Elaeis Guineensis (Palm) Kernel Oil, Elaeis Guineensis (Palm) Oil	NIKKOL TRIFAT PS-45H	Emollient agent	NIKKO CHEMICALS	10.0000
Glyceryl Undecylenate	NIKKOL MGU	Antimicrobial agent	NIKKO CHEMICALS	0.5000
B				
Glycerin		Moisturizer		5.0000
Arginine		Neutralizer, pH adjuster		0.5000
Water				40.0000
C				
Water				26.1500
D				
Fragrance		Fragrance		0.3000
			Total	100.0000
Procedure				
1. Disperse NIKKOL Lecinol S-10 in A at room temperature.				
2. Heat A and B to 80°C and stir separately 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, then add C and D into A+B and mix until uniform.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.4 6rpm, 30sec.): 44100 mPa · s			on going	
pH (bulk): 5.2				

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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 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.