

Formula Name : Water-in Moisture Stick

Lot.No.49-WIA-1

(NIKKOL VF-LINO: 2.0%)



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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Polyethylene	PERFORMALENE 400 POLYETHYLENE	Viscosity modifier	New Phase Technologies	7.0000
Microcrystalline Wax	Multiwax W-445	Viscosity modifier	Sonneborn	2.0000
Ceresin	CERESIN #810	Viscosity modifier	Nikko Rica	3.0000
Cetyl Ethylhexanoate	NIKKOL SG-CIO	Emollient agent	NIKKO CHEMICALS	8.0000
B				
Disteardimonium Hectorite,PEG-10 Dimethicone,Dimethicone	NIKKOL Nikkomulse WO-CF	Emulsifier	NIKKO CHEMICALS	5.0000
Dimethicone	KF-96A-6cs	Emollient agent	Shin-Etsu Chemical	20.7500
Diphenylsiloxy Phenyl Trimethicone	KF-56A	Emollient agent	Shin-Etsu Chemical	4.0000
HDI/Trimethylol Hexyllactone Crosspolymer,Silica	D-400	Texturizer	Toshiki Pigment	2.0000
Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	KSP-100	Texturizer	Shin-Etsu Chemical	2.0000
Ethyl Linoleate	NIKKOL VF-LINOV	Whitening, Anti-skin roughening	NIKKO CHEMICALS	2.0000
C				
Water				30.5000
Propanediol		Moisturizer		5.0000
Glycerin		Moisturizer		4.0000
Phenoxyethanol		Antimicrobial agent		1.0000
Sodium Chloride		Stabilizer		0.7500
Water,Glycerin,Citrullus Vulgaris (Watermelon) Fruit Extract,Lens Esculenta (Lentil) Fruit Extract,Pyrus Malus (Apple) Fruit Extract,Sodium PCA,Sodium Lactat	AcquaCell	Moisturizer, Anti-wrinkle	Barnet Products	2.0000
Thymus Serpyllum Extract,Panax Ginseng Root Extract,Origanum Majorana Leaf Extract,Butylene Glycol,Water	PLANT EXTRACT COMPLEX BG <MOISTURE>	Moisturizer	Maruzen Pharmaceuticals	1.0000
			Total	100.0000
Procedure				
1. Heat A to 90°C and dissolve until uniform.				
2. Add B to A, and mix well until uniform.				
3. While stirring A+B by disperse-mixer, add C into A+B gradually and emulsify at 80°C for a certain period of time.				
4. Remove air bubbles with vacuum pump, fill the bulk into a container at 85 °C, and then leave to stand and solidify at room temperature.				
Remarks				
※Air-tight container recommended				
Physical Properties			Stability	
			· RT, 45°C, 5°C : Confirmed for 3 month	
			· 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.