

FORMULATION

NIKKOL GROUP
COSMOS TECHICAL CENTER CO.,LTD
 3-24-3 HASUNE, ITABASHIKU, TOKYO 174-0046 JAPAN
 Tel 03-3966-7755 Fax 03-3966-7307
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Formula Name : Gel Cream for Sensitive Skin

Lot.No.35-SMG-1
 (NIKKOL Lecinol S-10: 1.0%)

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INCI NAME	TRADE NAME	SUPPLIER	wt%
A			
HYDROGENATED LECITHIN	NIKKOL Lecinol S-10	NIKKO CHEMICALS	1.0000
GLYCERIN			15.0000
BUTYLENE GLYCOL			6.0000
PEG-32			2.0000
XANTHAN GUM			0.0800
ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	PEMULEN TR-1	Lubrizol	0.3000
HYDROXYETHYLCELLULOSE	HEC SE900	Dicel	0.0800
DIPOTASSIUM GLYCYRRHIZATE	DPG	Maruzen Pharmaceuticals	0.1000
HEXYL DIMETHYLOLPROPIONATE	NIKKOL Nikkoguard 6	NIKKO CHEMICALS	0.5000
WATER			58.3400
B			
DIPHENYL DIMETHICONE	KF-54	Shin-Etsu silicones	1.0000
CYCLOPENTASILOXANE	KF-995	Shin-Etsu silicones	4.0000
C			
ARGININE			0.3000
WATER			5.0000
D			
SODIUM HYALURONATE,PHENOXYETHANOL,WAT ER	(1%aq.)		1.0000
PERILLA OCYMOIDES LEAF EXTRACT,WATER,BUTYLENE GLYCOL	Shiso Extract BG	Amino UP	0.3000
WATER			5.0000
		Total	100.0000
Procedure			
1. Heat A,B to 80°C and mix until uniform.			
2. Add B into A while mixing with homogenizer.			
3. Add C into (A+B) while mixing with paddle-mixer.			
4. Cool down to 35°C while mixing with paddle-mixer.			
5. Add D into (A+B+C) and mix until uniform.			
Note			
Initial viscosity(Btype Viscometer No.4 6rpm./30sec.): 17400 mPa*s			
pH(bulk):5.9			

We do not guarantee the stability of the final products of formulations in this brochure though the stability was checked at 45°C for 12 weeks.

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.