

Formula Name : Liquid Foundation (81S)

Lot.No.38-EOS-101

(NIKKOL Nikkolipid 81S: 4.0%)


<https://www.chemical-navi.com/>

INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Batyl Alcohol,Stearic Acid,Lecithin,Caprylic/Capric Triglyceride	NIKKOL Nikkolipid 81S	Emulsifier, Anti-inflammatory	NIKKO CHEMICALS	4.0000
Glyceryl Stearate	NIKKOL MGS-BV2	Emulsifier	NIKKO CHEMICALS	2.0000
Cetearyl Alcohol		Viscosity modifier, Stabilizer		1.0000
Squalane	NIKKOL Sugar Squalane	Emollient agent	NIKKO CHEMICALS	8.0000
Methylheptyl Laurate	NIKKOL GS-MHL	Emollient agent	NIKKO CHEMICALS	8.0000
Dimethicone	KF-96A-350cs	Emollient agent, Antifoaming agent	Shin-Etsu Chemical	0.5000
B				
Water				37.0000
Xanthan Gum,Water	(2%aq)	Thickener		7.0000
C				
Butylene Glycol		Moisturizer		5.0000
Titanium Dioxide,Silica,Alumina	SYMPHOLIGHT WW-E	Inorganic pigment	JGC Catalysts and Chemicals Ltd.	8.4000
Iron Oxides,Silica	SYMPHOLIGHT RW-TE	Inorganic pigment	JGC Catalysts and Chemicals Ltd.	0.2500
Iron Oxides,Silica	SYMPHOLIGHT YW-TE	Inorganic pigment	JGC Catalysts and Chemicals Ltd.	1.2000
Iron Oxides,Silica	SYMPHOLIGHT BW-TE	Inorganic pigment	JGC Catalysts and Chemicals Ltd.	0.1500
D				
Water				10.0000
HDI/Trimethylol Hexyllactone Crosspolymer,Silica	D-400	Texturizer	NIKKO CHEMICALS	2.0000
HDI/Trimethylol Hexyllactone Crosspolymer,Methyl Methacrylate Crosspolymer	UP-812	Functional powder	NIKKO CHEMICALS	1.0000
Synthetic Fluorophlogopite,Titanium Dioxide,Tin Oxide,Polymethyl Methacrylate,Polyvinyl Alcohol	HV-GOLD	Pearl pigment	NIKKO CHEMICALS	3.0000
E				
Melissa Officinalis Leaf Extract,Butylene Glycol,Water	LEMON BALM EXTRACT RA	Anti-wrinkle, Anti-aging	Maruzen Pharmaceuticals	1.0000
F				
Phenoxyethanol		Antimicrobial agent		0.5000
			Total	100.0000
Procedure				
1. Grind C by triple-roll mill and make it uniform.				
2. Add C into D and mix until uniform.				
3. Heat A and B to 80°C respectively, and mix until uniform.				
4. While stirring B by homogenizer, add A into B gradually and emulsify at 80°C for a certain period of time.				
5. Cool down to 35°C while stirring.				
6. Add C+D into A+B and mix until uniform.				
7. Add E and F into A+B respectively, and mix until uniform.				
Physical Properties				
Initial viscosity (B type Viscometer, No.4 6rpm/30sec.) : 32000 mPa · s		· RT, 45°C, 5°C : Confirmed for 3 month		
pH(bulk) : 4.9		· 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.