

Formula Name : 50% Water Element Foundation

Lot.No.27-WCF-1

(NIKKOL Nikkomulse WO: 5.0%)

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

INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Cyclopentasiloxane, PEG-10 Dimethicone, Distearidimonium Hectorite	NIKKOL Nikkomulse WO	Emulsifier	NIKKO CHEMICALS	5.0000
Cyclopentasiloxane	KF-995	Emollient agent	Shin-Etsu Chemical	19.0500
Polyglyceryl-10 Dimer Dilinoleate/Stearate/Hydroxystearate	NIKKOL GS-WHO	Emollient agent	NIKKO CHEMICALS	3.0000
Diphenylsiloxy Phenyl Trimethicone	KF-56A	Emollient agent	Shin-Etsu Chemical	1.0000
Dimethicone	SILICONE HL-88	Emollient agent, Texturizer	NIKKO CHEMICALS	1.0000
Cyclopentasiloxane, Acrylates/Dimethicone Copolymer	KP-545	Film former	Shin-Etsu Chemical	1.0000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone	FDP-C-WHITE3	Inorganic pigment	Toshiki Pigment	9.0000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone, Iron Oxides	FDP-C-RED3	Inorganic pigment	Toshiki Pigment	1.5000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone, Iron Oxides	FDP-C-YELLOW3	Inorganic pigment	Toshiki Pigment	3.0000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone, Iron Oxides	FDP-C-BLACK3	Inorganic pigment	Toshiki Pigment	1.5000
HDI/Trimethylol Hexyllactone Crosspolymer, Silica	D-400	Texturizer	Toshiki Pigment	3.0000
B				
Phenoxyethanol		Antimicrobial agent		0.4000
Propanediol		Moisturizer		4.0000
Sodium Chloride		Stabilizer		0.5000
Disodium EDTA		Chelating agent		0.0500
Water				46.0000
Morinda Citrifolia Fruit Juice, Butylene Glycol, Water	NONI JUICE (B)-BG-(Q)	Anti-skin roughening, Moisturizer	Maruzen Pharmaceuticals	1.0000
			Total	100.0000
Procedure				
1. Disperse A with disperser mixer until uniform.				
2. Dissolve B at room temperature.				
3. While mixing A with disperser mixer, add B into A gradually and emulsify for a certain period of time.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.4 6rpm, 30sec.): 44600 mPa · s			· RT, 45°C, 5°C: Confirmed for 3 months	
			· 50°C, -5°C, Cycle (-5⇔45°C): Confirmed for 1 month	

20220728-3

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.