

Formula Name : Balancing Flora Serum

Lot.No.60-SWF-9

(NIKKOL Nikkosome Vitamin ABCE: 1%)


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

INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Hydrogenated Lecithin	NIKKOL Lecinol S-10	Emulsifier, Anti-inflammatory, Moisturizer	NIKKO CHEMICALS	0.5000
PEG-25 Phytostanol	NIKKOL BPSH-25	Emulsifier	NIKKO CHEMICALS	0.2500
Squalane	NIKKOL Sugar Squalane	Emollient agent	NIKKO CHEMICALS	1.0000
Batyl Alcohol	NIKKOL Batyl Alcohol EX	Emollient agent, Anti-inflammatory	NIKKO CHEMICALS	0.1000
Ethylhexylglycerin, Glyceryl Caprylate	NIKKOL Nikkoguard 88	Antimicrobial agent	NIKKO CHEMICALS	0.7000
Tocopherol		Antioxidant		0.0500
B				
Propanediol		Moisturizer		6.0000
PEG-75		Moisturizer		1.5000
Methyl Gluceth-20	NIKKOL SG-MG2000	Moisturizer	NIKKO CHEMICALS	10.0000
Xanthan Gum, Water	(2% aq.)	Thickener		3.0000
Carbomer, Water	TC-CARBOMER 381 (2% aq.)	Thickener	Guangzhou Tinci Materials Technology	20.0000
Hydroxypropyl Methylcellulose	METOLOSE 65SH-4000	Thickener	Shin-Etsu Chemical	0.1000
Bis-PEG-18 Methyl Ether Dimethyl Silane	DOWSIL 2511 Cosmetic Wax	Emollient agent	Dow	1.0000
Disodium EDTA		Chelating agent		0.0500
Sodium Methyl Stearoyl Taurate	NIKKOL SMT	Emulsifier	NIKKO CHEMICALS	0.3000
Water				42.8200
C				
Arginine		Neutralizer, pH adjuster		0.1800
Water				2.0000
D				
Alpha-Glucan Oligosaccharide	BIOECOLIA	Moisturizer	Solabia Group	1.0000
Water				5.0000
CI 16255, Water	(0.1% aq.)	Synthetic organic pigment/dye		0.1000
Yellow 5, CI 19140, Water	(0.1% aq.)	Organic synthetic dye		0.3500
E				
Glycerin, Hydrogenated Lecithin, Sorbitol, Ascorbyl Tetraisopalmitate, Panthenol, Squalane, Tocopherol, Retinyl Palmitate, Arachis Hypogaea (Peanut) Oil	NIKKOL Nikkosome Vitamin ABCE	Anti-aging	NIKKO CHEMICALS	1.0000
Water				3.0000
			Total	100.0000
Procedure				
1. Heat A and B separately to 80°C and mix until uniform. (Disperse METOLOSE 65SH-4000 into Propanediol in advance, then mix with other ingredients of phase B)				
2. While stirring B by homogenizer, add A into B gradually and emulsify at 80°C for a certain period of time.				
3. Add C into A+B and cool down to 35°C while stirring.				
4. Add D and E into A-C and mix until uniform.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.3 12rpm, 30sec.): 1970 mPa · s			on going	
pH (bulk): 5.1				

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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.