Confidential

NIKKOL GROUP
NIKKO CHEMICALS CO., LTD.
1 - 4 - 8 NIHONBASHI - BAKUROCHO, CHUOKU,
TOKYO, 103 - 0002, JAPAN
Email: nk_international_inquiry@nikkolgroup.com

chemical-navi
Inspire you to succeed

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

Formula Name: Sensitive Skin Multi-care Serum

Lot.No.69-MCM-7
(NIKKOL LECINOL MFL: 0.1%)

INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Hydrogenated Lecithin	NIKKOL Lecinol S-10	Emulsifier, Anti-inflammatory, Moisturizer	NIKKO CHEMICALS	0.8000
Stearyl Alcohol		Viscosity modifier, Stabilizer		0.4000
Behenyl Alcohol	NIKKOL Behenyl Alcohol 80	Viscosity modifier, Stabilizer	NIKKO CHEMICALS	0.4000
Cetyl Palmitate	NIKKOL N-SPV	Viscosity modifier	NIKKO CHEMICALS	0.8000
Isocetyl Myristate	NIKKOL ICM-R	Emollient agent	NIKKO CHEMICALS	3.0000
C15-19 Alkane	EMOGREEN L19	Emollient agent	SEPPIC	3.6000
Glyceryl Undecylenate	NIKKOL MGU	Antimicrobial agent	NIKKO CHEMICALS	0.5000
Tocopherol		Antioxidant		0.1000
B				
Propanediol		Moisturizer		5.0000
Glycerin		Moisturizer		1.3000
Carbomer, Water	TC-CARBOMER 381 (2% aq.)	Thickener	Guangzhou Tinci Materials Technology	10.0000
Water				62.8600
C				
Arginine		Neutralizer		0.1400
Water				6.0000
D				
Lysolecithin	NIKKOL LECINOL MFL	Anti-skin roughening, Moisturizer	NIKKO CHEMICALS	0.1000
Water				5.0000
			Total	100.0000
Procedure				
1. Disperse NIKKOL Lecinol S-10 in A at room temperature.				
2. Heat D to 40℃ and dissolve.				
3. Heat A and B to 80℃, and stir separately until uniform.				
4. While stirring B by homogenizer, add A into B gradually and emulsify at 80℃ for a certain period of time.				
5. Add C into A+B and mix until uniform.				
6. Cool down to 35℃ while stirring, then add D into A-C and mix until uniform.				
Physical Properties			**Stability**	
Initial viscosity (B type Viscometer, No.4 6rpm, 30sec.): 10200 mPa・s			on going	
pH (bulk): 5.6				

20230810-4

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.