

Formula Name: Summer Gold Serum (Pearl 0.1%)

Lot.No.49-OIS-4

(NIKKOL Purephos Alpha: 0.7%)

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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Cetyl Phosphate	NIKKOL Purephos α	Emulsifier	NIKKO CHEMICALS	0.7000
Batyl Alcohol	NIKKOL Batyl Alcohol EX	Anti-inflammatory	NIKKO CHEMICALS	0.5000
Cetyl Alcohol		Viscosity modifier, Stabilizer		0.5000
Ethyl Linoleate	NIKKOL VF-LINOV	Brightening	NIKKO CHEMICALS	1.0000
Hydrogenated Retinol, Caprylic/Capric Triglyceride	NIKKOL Retinol H10	Anti-wrinkle	NIKKO CHEMICALS	1.0000
Simmondsia Chinensis (Jojoba) Seed Oil	NIKKOL Jojoba Oil S	Emollient agent	NIKKO CHEMICALS	1.0000
Methylheptyl Laurate	NIKKOL GS-MHL	Emollient agent	NIKKO CHEMICALS	2.0000
B				
Butylene Glycol		Moisturizer		5.0000
Mica, Titanium Dioxide	KTZ SHIMMER GOLD	Pearl pigment	KOBO Products	0.1000
C				
Carbomer, Water	TC-CARBOMER 381 (2% aq.)	Thickener	Guangzhou Tinci Materials Technology	10.0000
Lysolecithin	LPA	Anti-skin roughening, Moisturizer	NIKKO CHEMICALS	0.1000
Arginine		Neutralizer		0.5500
Phenoxyethanol		Antimicrobial agent		0.4000
Water				67.0000
D				
Alcohol		Freshener		5.0000
Water				5.0000
E				
Fragrance		Fragrance		0.1500
			Total	100.0000
Procedure				
1. Disperse B until uniform, then add B into C and mix well.				
2. Heat A and B+C to 80°C separately and mix until uniform.				
3. While stirring B+C by homogenizer, add A into B+C gradually and emulsify at 80°C for a certain period of time.				
4. Cool down to 35°C while stirring, then add D and E into A-C and mix until uniform.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.3 6rpm, 30sec.): 3500 ~ 4500 mPa · s			· RT, 45°C, 5°C: Confirmed for 3 months	
pH (bulk): 6.0 ~ 6.5			· 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 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.