

Formula Name : Regenerating Toner Moist α

Lot.No.46-RTM-17

(NIKKOL Purephos Alpha: 0.7%)

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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
A				
Cetyl Phosphate	NIKKOL Purephos Alpha	Emulsifier	NIKKO CHEMICALS	0.7000
Cetyl Alcohol		Viscosity modifier, Stabilizer		0.3500
Dimethicone	KF-96A-6cs	Emollient agent	Shin-Etsu Chemical	1.0000
Dimethicone	KF-96A-100cs	Antifoaming agent	Shin-Etsu Chemical	0.5000
Diphenylsiloxy Phenyl Trimethicone	KF-56A	Emollient agent	Shin-Etsu Chemical	0.5000
Hydrogenated Retinol, Caprylic/Capric Triglyceride	NIKKOL Retinol H10	Anti-wrinkle	NIKKO CHEMICALS	1.0000
Squalane	NIKKOL Sugar Squalane	Emollient agent	NIKKO CHEMICALS	2.0000
B				
Aminomethyl Propanol, Water	(10% aq.)	Neutralizer		3.0000
Butylene Glycol		Moisturizer		7.0000
Betaine		Moisturizer		2.0000
Xanthan Gum, Water	(2% aq.)	Thickener		5.0000
Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Water	(2% aq.)	Thickener	Lubrizol	5.0000
Phenoxyethanol		Antimicrobial agent		0.4000
Water				59.0400
C				
Water, Citric Acid	(10% aq.)	pH adjuster		0.4100
Water				5.0000
Water, Sea Water, Pullulan, Hydrolyzed Rhodophyceae Extract, Xanthan Gum	BarPull	Moisturizer, Anti-wrinkle	Barnet Products	1.0000
D				
Origanum Majorana Leaf Extract, Water, Butylene Glycol	MARJORAM EXTRACT BG	Moisturizer, Anti-aging, Anti-skin roughening	Maruzen Pharmaceuticals	1.0000
Water				5.0000
E				
Fragrance				0.1000
			Total	100.0000
Procedure				
1. Heat A and B to 80°C separately and mix until uniform.				
2. Stir C and D separately and dissolve at room temperature.				
3. While stirring A by homogenizer, add B into A gradually and emulsify at 80°C for a certain period of time.				
4. Cool down to 35°C while stirring, then add C, D and E separately into A+B and mix until uniform.				
Physical Properties			Stability	
Initial viscosity (B type Viscometer, No.3 6rpm, 30sec.): 890 mPa · s			· RT, 45°C, 5°C: Confirmed for 3 months	
pH (bulk): 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.