

**Formula Name : LOTION EXTRA RICHE**

Lot.No.27-LER-1

(NIKKOL NIKKOFINE CIO: 3.0%)

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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
<b>A</b>				
Acrylates/C10-30 Alkyl Acrylate Crosspolymer,Water	Carbopol ETD2020 (2% aq.)	Thickener	Lubrizol	6.0000
Xanthan Gum,Water	(2% aq.)	Thickener		5.0000
Methyl Gluceth-10	NIKKOL SG-MG1000	Moisturizer	NIKKO CHEMICALS	5.0000
Lysolecithin	LPA	Anti-skin roughening, Moisturizer	NIKKO CHEMICALS	0.1000
Water,Butylene Glycol,Phenoxyethanol,Hydrolyzed Coix Lacryma-Jobi Ma-yuen Seed	HYDROLYZED COIX SEED	Moisturizer	Maruzen Pharmaceuticals	1.0000
Actinidia Polygama Fruit Extract,Butylene Glycol,Water	SILVER VINE EXTRACT BG30	Antioxidant, Anti-skin roughening	Maruzen Pharmaceuticals	1.0000
Water,Citric Acid	(1% aq.)	pH adjuster		3.0000
Water,Sodium Citrate	(1% aq.)	pH adjuster		0.3000
Water				51.0600
<b>B</b>				
Water				15.0000
Potassium Hydroxide,Water	(10% aq.)	Neutralizer		0.3400
<b>C</b>				
Propanediol		Moisturizer, Solvent		8.0000
PPG-4-Ceteth-20,Dipropylene Glycol,Ceramide NG	NIKKOL Ceralipid W-2	Moisturizer, Anti-skin roughening	NIKKO CHEMICALS	0.1000
PEG-60 Hydrogenated Castor Oil	NIKKOL HCO-60	Solubilizer, Emulsifier	NIKKO CHEMICALS	0.5000
Phenoxyethanol		Antimicrobial agent		0.4000
<b>D</b>				
(Please contact us)	NIKKOL NIKKOFINE CIO	Opacifier, Emollient agent	NIKKO CHEMICALS	3.0000
Lavandula Angustifolia (Lavender) Oil		Fragrance		0.1870
Cymbopogon Schoenanthus Oil		Fragrance		0.0130
			Total	100.0000
<b>Procedure</b>				
1. Mix A, B and D respectively until uniform.				
2. Heat C to 90 °C and dissolve while mixing, then cool down to room temperature.				
3. Add B to A gradually while mixing.				
4. Add C to (A+B) while mixing.				
5. Add D to (A+B+C) while mixing.				
<b>Physical Properties</b>			<b>Stability</b>	
pH(bulk) : 5.5			<ul style="list-style-type: none"> <li>• RT, 45°C, 5°C : Confirmed for 3 months</li> <li>• 50°C, -5°C, Cycle(-5⇄45°C) : Confirmed for 1 month</li> </ul>	

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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 do 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.