

Natural Liquid Lotion Base



A versatile emulsion base which can accept almost any active ingredient and fit a diverse range of componentry. This base formula contains Plantsil, a silicone alternative for a dry powdery afterfeel and an optional active of Marine Cellshield AP has been added, an antipollution active proven to reduce dark spots.

Barentz.

Natural Liquid Lotion Base

#F000054V03

Supplier	Description	INCI	w/w %	Phase	Product Information
Local	Water	Aqua	75,4	A	
Natura-tec	Organic Glycerin	Glycerin	3,0	AP	Organic Humectant.
RFI	Xanthan 80 Mesh	Xanthan Gum	0,1	AP	Natural gelling agent providing stability.
Natua-tec	Sunflower Oil	Helianthus Annuus Seed Oil	10,0	B	Emolient, oil phase carrier.
Natura-tec	Plantsil	Hydrogenated Ethylhexyl Olivat (and) Hydrogenated Olive Oil Unsaponifiables	3,0	B	Natural silicone alternative leaving powdery skin feel. COSMOS approved.
Natura-tec	Emulactive W	Cetearyl alcohol (and) Glyceryl stearate (and) Potassium Palmitoyl Hydrolyzed Wheat Protein	5,0	B	Natural emulsifier which doesn't add viscosity. COSMOS approved.
Ajinomoto	Amisoft HS-11	Sodium Stearoyl Glutamate	0,5	C	A mild anionic surfactant aiding emulsification/ stability.
Ashland	Rokonsal BS	Sodium Benzoate (and) Potassium Sorbate	1,0	D	Nature identical preseervative suitable for use below pH 5.4.
Natura-tec	Marine Cellshield AP	Caprylic/ Capric Triglycerides (and) Pavlova Lutheri Extract	2,0	D	Anti-pollution active. Rich in EPA, DHA it provides targeted action on mitochondrial stress by increasing the metabolism of cells to improve skin tone and dark spots.

Method

- 1 Premix Xanthan with Glycerin to hydrate then mix in to warm water (50°C) until uniform.
- 2 Heat phase B to 50°C until molten then homogenise into phase A.
- 3 During cooling, homogenise in phase C.
- 4 Add phase D below 45°C and homogenise until incorporated. Adjust pH with Citric acid.

Appearance White emulsion with low viscosity.

Viscosity 1000 - 1500 cps (T-C Bar speed 10)

Odour Odourless

pH 5,0-5,4

Stability Results Passed 5 Freeze thaw cycles. Pending full stability.

Directions for use

Add direct to skin and rub in until absorbed leaving powdery feel. Alternatively add a few drops to your daily moisturiser to meet the still popular personalisation trend.

For people with skin or hair type Suitable for face and body for all skin types.

The information given here is believed to be reliable. Barentz makes no guarantee as to the accuracy, reliability and completeness of this information. All suggestions are made without guarantee since the conditions of use are beyond our control. In no event shall Barentz be liable for damages of any nature arising out of the use of this information. Barentz disclaims the use of any material referenced above, either alone or with other materials. It is the responsibility of the user to observe legal regulations and patents.

www.barentz.com