

Mineral Aura SPF30

2078-2.03



+ Natural sun care

+ Fully Mineral

+ Non-tacky

Phase	Name	INCI	Supplier	%
A1	LABRAFAC™ CC MB	CAPRYLIC/CAPRIC TRIGLYCERIDE	Gattefossé	4.00
	CETIOL® C5	COCO-CAPRYLATE	BASF	8.00
	CETIOL® OE	DICAPRYLYL ETHER	BASF	7.50
	RHEOPEARL KL2	DEXTRIN PALMITATE	Miyoshi	2.00
A2	EMULIUM® ILLUSTRO	POLYGLYCERYL-6 POLYHYDROXYSTEARATE, POLYGLYCERYL-6 POLYRICINOLEATE, POLYGLYCERIN-6	Gattefossé	4.25
A3	COCOATE™ BG MB	BUTYLENE GLYCOL COCOATE	Gattefossé	4.00
	LABRAFAC™ CC MB	CAPRYLIC/CAPRIC TRIGLYCERIDE	Gattefossé	1.50
	EMULIUM® ILLUSTRO	POLYGLYCERYL-6 POLYHYDROXYSTEARATE, POLYGLYCERYL-6 POLYRICINOLEATE, POLYGLYCERIN-6	Gattefossé	0.25
	ZINCLEAR® XP65 COCO	ZINC OXIDE, COCO-CAPRYLATE/CAPRATE, POLYGLYCERYL-3 POLYRICINOLEATE, ISOSTEARIC ACID	Antaria	14.00
	ZnO-C-NJE3	ZINC OXIDE, JOJOBA ESTERS	Kobo	4.00
	SOLAVEIL™ HTP1 MBAL-PW-(MV)	TITANIUM DIOXIDE, STEARIC ACID, ALUMINA	Croda	15.00
B	DEMINEALIZED WATER	WATER	-	31.20
	GEOGARD ULTRA™	GLUCONOLACTONE, SODIUM BENZOATE, CALCIUM GLUCONATE	Lonza	0.50
	PROPANEDIOL	PROPANEDIOL	-	3.00
	MAGNESIUM SULFATE (99%)	MAGNESIUM SULFATE	Merck	1.00
C	GATULINE® RC BIO	WATER, FAGUS SYLVATICA BUD EXTRACT	Gattefossé	2.00
	GATULINE® RADIANCE	PROPANEDIOL, EVODIA RUTAECARPA FRUIT EXTRACT	Gattefossé	2.00
D	TOCOPHEROL	TOCOPHEROL	-	0.10
	COSM' OIL KD-S	PONGAMIA GLABRA SEED OIL	Cosmact	3.00
E	PERFUME DOME RELAX RS59716	PARFUM	Techico-Flor	0.20
				100.00

Operating instructions

- Heat liquid of A1 at 75°C, then add Rheopearl KL2 and homogenize until complete solubilization of it.
- Add A2.
- Heat liquid of A3 at 65°C, then add under mixing step by step Zinc Oxide, and then Titanium Dioxide, and homogenize with ultra turrax® until smooth dispersion.
- Add A3 to A1+A2.
- Phase B: Heat water and propanediol to 65°C and add Geogard Ultra™. Stir until complete solubilization. Then add magnesium sulfate and solubilize.
- Emulsion: add B (60-65°C) to A (60-65°C) and homogenize for 10 minutes at 2000 rpm with defloculator
- Cool down to 35°C and add phase C, the phase D, then phase E, homogenize 2 minutes between each addition.
- Complete cooling under stirring until 25°C.

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Description

This natural sunscreen SPF30, composed exclusively of non-nano mineral filters, is perfect for protecting your skin from UV rays at the beach while protecting the environment!

Unlike most natural sunscreens, its texture is soft, easy to spread, and leaves no sticky nor greasy film thanks to **Emulium® Illustro**. A mix of active ingredients brings energy and radiance to the skin.

Specifications

- + Aspect:
Light yellow cream
- + Viscosity Brookfield RV (spindle B, speed 5):
approx. 20 000 mPa.s after 24h
- + Natural origin > 98% (ISO 16128)
- + SPF *in vivo* (ISO 24444:2019/Amd1:2022): 33 (5 vol.)
Photostability: 85%
UVA *in vitro* (ISO 24443:2012): 10
Critical wavelength: 375 nm
Water resistance *in vivo* (ISO 16217:2020 and ISO 18861:2020): 53.5% (5 vol.)
Conform to worldwide regulations

Ingredients

- **Emulium® Illustro**, used at 4.5%, creates a creamy W/O emulsion. It gives a soft and comfortable texture, and a luminous finish on the skin. It is also used for its mineral filters dispersing properties.
- **Labrafac™ CC MB**, Cetiol® C5 and Cetiol® OE are emollients with good sensoriality.
- **Cocoate™ BG MB** is an emollient that improves mineral UV filters dispersion and wettability.
- Zinclair® XP65 Coco, ZnO-C-NJE3 and Solaveil™ HTP1 MBAL-PW-(MV) are non-nano UV filters.
- Magnesium Sulfate is a salt which brings stability to the emulsion.
- Cosm'Oil KD-S is a SPF booster.
- Geogard Ultra™ is a pH buffer, very important in mineral sunscreens.
- Rheopearl KL2 is a suspending agent, helping for heat stability.
- **Gatuline® RC Bio** is a clinically tested active ingredient which has anti-wrinkles and moisturizing properties.
- **Gatuline® Radiance**, also clinically tested, stimulates skin microcirculation and brings radiance to the skin.