

Ultra Fluid Essence SPF50

2198-2.03



+ Beach or daily use

+ Light texture

+ Non tacky

Phase	Name	INCI	Supplier	%
A1	DEMINERALIZED WATER	WATER	-	34.80
	BUTYLENE GLYCOL	BUTYLENE GLYCOL	-	3.00
	PARSOL® HS	PHENYLBENZIMIDAZOLE SULFONIC ACID	DSM	3.00
	SODIUM HYDROXIDE (10 % SOL.)	WATER, SODIUM HYDROXIDE	-	4.25
A2	E.D.T.A. DISODIUM SALT	DISODIUM EDTA	-	0.10
B1	C12-15 ALKYL BENZOATE	C12-15 ALKYL BENZOATE	-	10.00
	COCOATE™ BG MB	BUTYLENE GLYCOL COCOATE	GATTEFOSSÉ	5.00
	TINOGARD® TL	BENZOTRIAZOLYL DODECYL P-CRESOL	BASF	0.50
	TINOSORB® S	BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE	BASF	2.50
	PARSOL® 1789	BUTYL METHOXYDIBENZOYLMETHANE	DSM	3.00
	UVINUL® A PLUS	DIETHYLAMINO HYDROXYBENZOYL HEXYL BENZOATE	BASF	2.00
	PARSOL® EHS	ETHYLHEXYL SALICYLATE	DSM	5.00
	PRESERVATIVE	PRESERVATIVE	-	0.70
	B2	EMULIUM® ILLUSTRO	POLYGLYCERYL-6 POLYHYDROXYSTEARATE, POLYGLYCERYL-6 POLYRICINOLEATE, POLYGLYCERIN-6	GATTEFOSSÉ
BENTONE GEL® NGD V		NEOPENTYL GLYCOL DIHEPTANOATE, DISTEARDIMONIUM HECTORITE, PROPYLENE CARBONATE	ELEMENTIS	3.50
B3	TXD60-AB	TITANIUM DIOXIDE, C12-15 ALKYL BENZOATE, POLYHYDROXYSTEARIC ACID, SILICA, DIMETHICONE	IMPAG	8.00
C	PERFUME DOME RELAX RS59716	PARFUM	TECHNICO-FLOR	0.08
	LEXFEEL™ NATURAL	HEPTYL UNDECYLENATE	INOLEX	6.50
D	SOLASTEMIS®	FRUCTOSE, GLYCERIN, WATER, SECHIUM EDULE FRUIT EXTRACT	GATTEFOSSÉ	2.00
	GATULINE® RADIANCE	PROPANEDIOL, EVODIA RUTAECARPA FRUIT EXTRACT	GATTEFOSSÉ	2.00
				100.0

Operating instructions

- Prepare A1: solubilization of Parsol® HS (PBSA) under high pH (>6.8) until clear lotion.
- Add A2 to A1 and stir until complete solubilization of EDTA. Then heat A at 60°C.
- Heat B1 to 80°C until complete solubilization of UV filters.
- Add B2 to B1 and homogenize to disperse Bentone Gel® NGD V.
- Add B3 to B1+B2 and homogenize.
- Add slowly A (60°C) to B (70°C) under mixing and homogenize with rotor stator for 15min (2000 rpm).
- Cool under moderate stirring (800 rpm) to 35°C, then add C under mixing.
- Add D and homogenize with rotor stator (2000 rpm) for 5min.

Ultra Fluid Essence SPF50

2198-2.03



+ Beach or daily use

+ Light texture

+ Non tacky

Description

This high protective sunscreen protects the skin from UV rays and allows to expose safely at the beach. Thanks to **Emulium® Illustro**, its application is easy and fast, and the finish on the skin is soft and light. The light texture is also perfect for a daily use on face, with active properties thanks to **Solastemis®** and **Gatuline® Radiance**.

Specifications

- + Aspect:
Light yellow fluid emulsion
- + Viscosity Brookfield RV (spindle A, speed 5):
approx. 2 000 mPa.s after 24h
- + Conform to Australian, EU, Japan, UK, MERCOSUR, and China regulations
SPF *in vivo* (ISO 24444:2019/Amd1:2022): 58.5 (4 vol.)
UVA *in vitro* (ISO 24443): 21.6
WR *in vivo* (ISO 16217:2020 and ISO 18861:2020): 51.9% (4 vol.)
Photostability: 93%
Critical wavelength (ISO 24443): 376 nm

Ingredients

- **Emulium® Illustro**, used at 4%, creates a fluid W/O emulsion with a soft and comfortable texture, and a luminous finish on the skin.
- **Cocoate™ BG MB** is an emollient that both solubilizes chemical UV filters, and enhances mineral UV filters dispersion.
- Bentone Gel NGD V is an oil phase thickener which brings stability to the emulsion. **Note:** Due to the very low viscosity, sedimentation may still occur. It's reversible, and light shaking is sufficient to homogenize.
- Parsol® EHS and Parsol® HS are UVB filters. Uvinul® A Plus and Parsol® 1789 are UVA filters. Tinosorb® S is a broad spectrum UV filter.
- C12-15 alkyl benzoate, an emollient, solubilizes chemical UV filters. Lexfeel™ Natural, another emollient, has a light sensoriality.
- TXD 60 AB is a titanium dioxide dispersion. C12-15 Alkyl Benzoate that is inside also helps solubilization of UV filters.
- No salts are needed because Parsol® HS plays this role to avoid coalescence.
- Tinogard® TL is an antioxidant that enhances photostability.
- **Solastemis®** protects skin cells from UVA damages.
- **Gatuline® Radiance** enhances all aspects of a radiant complexion.