

Extremely Soft Protection SPF30

2397-2.25



+ Hybrid product

+ Creamy texture

+ Very soft afterfeel

Phase	Name	INCI	Supplier	%
A	DEMINERALIZED WATER	WATER	-	47.55
	KELCO-CARE™ DIUTAN GUM	SPHINGOMONAS FERMENT EXTRACT	Lubrizol	0.15
B	EMULIUM® DOLCEA MB	GLYCERYL STEARATES, JOJOBA ESTERS, CETYL ALCOHOL, STEARYL ALCOHOL, HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX, SODIUM STEAROYL GLUTAMATE, WATER, POLYGLYCERIN-3	Gattefossé	5.00
	COMPRITOL® 888 CG MB	GLYCERYL BEHENATE	Gattefossé	1.50
	UVINUL T 150	ETHYLHEXYL TRIAZONE	BASF	3.00
	UVINUL A PLUS	DIETHYLAMINO HYDROXYBENZOYL HEXYL BENZOATE	BASF	5.00
	TINOSORB S	BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE	BASF	2.00
	PARSOL EHS	ETHYLHEXYL SALICYLATE	DSM	5.00
	ANTARON™ ECO GEL	DIISOPROPYL ADIPATE, ETHYLCELLULOSE	Ashland	1.50
	CETIOL® B	DIBUTYL ADIPATE	BASF	6.00
	SCHERCEMOL DIS ESTER	DIISOPROPYL SEBACATE	Lubrizol	9.00
	HALLBRITE BHB	BUTYL OCTYL SALICYLATE	Hallstar	2.50
	PRESERVATIVE	PRESERVATIVE	-	0.70
SCHERCEMOL PDD	DIISOSTEAROYL POLYGLYCERYL-3 DIMER DILINOLEATE	Lubrizol	2.00	
C	SUNHANCER™ ECO SPF BOOSTER	COPERNICIA CERIFERA (CARNAUBA) WAX, ORYZA SATIVA (RICE) BRAN WAX	Lubrizol	3.00
	BUTYLENE GLYCOL	BUTYLENE GLYCOL	-	4.00
D	SOLASTEMIS™	FRUCTOSE, WATER, GLYCERIN, SECHIUM EDULE FRUIT EXTRACT	Gattefossé	2.00
E	CITRIC ACID (30% SOL.)	WATER, CITRIC ACID	-	0.10
				100.00

Operating instructions

- Heat water to 75°C, then add slowly Kelco-Care™ Diutan Gum under stirring and let the gel swell for 5 min.
- Heat B to 82°C under stirring until complete solubilisation of UV filters and polymer.
- Add slowly B (75°C) to A (75°C) under rapid mixing (2000 rpm) for 15 min.
- Cool to 45°C under moderate mixing (1000 rpm).
- Prepare C (thick paste) and then add to A+B under rapid mixing. Homogenize with ultra turrax for 2 min to make sure to properly disperse Sunhancer™ Eco SPF Booster.
- Cool to 30°C under moderate mixing and add D then E.
- Complete cooling.

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Description

This SPF30 sunscreen doesn't look to be! Thanks to Emulium® Dolcea MB, the texture is soft and comfortable and leaves a very smooth, non-greasy and non-sticky afterfeel. It can be used for daily care or for the beach.

Specifications

- + Aspect:
Glossy and slightly yellow cream
- + pH = 6.3 ± 0.5
- + Viscosity Brookfield RV (spindle A, speed 5):
approx. 35 000 mPa.s after 24h
- + Conform to Australian, EU, Japan, UK, MERCOSUR, and China regulations
SPF *in vivo* (ISO 24444:2019): 38 (5 subjects)
UVA *in vitro* (ISO 24443:2021): 14
Water resistance (ISO 16217:2020 and ISO 18861:2020): 54.7%
Critical wavelength (ISO 24443:2021): 373nm

Ingredients

- **Emulium® Dolcea MB**, used at 5%, creates a very soft and comfortable O/W emulsion, with no tacky or greasy feel.
- Kelco-Care™ Diutan Gum is an aqueous gelling agent that helps to improve stability and performance of the protective film.
- Uvinul T 150, Uvinul A Plus, Tinosorb S and Parsol EHS are organic UV filters.
- Antaron™ Eco Gel is a waterproof agent that improves water resistance of the formula.
- Cetiol® B, Schercemol Dis Ester and Schercemol PDD are emollients that help to solubilize UV filters. Schercemol PDD also helps to improve water resistance.
- Hallbrite BHB and Sunhancer™ Eco SPF Booster are SPF boosters.
- **Compritol® 888 CG MB** is a texturizing agent that helps to improve stability and increases viscosity of the formula.
- Butylene Glycol is used to help dispersing Sunhancer™ Eco SPF Booster.
- **Solastemis™** is an active ingredient that protects the DNA of keratinocytes from UVA rays, boosts endogenous DNA repair system and shields the skin from photo-aging.