**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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This formula is presented in good faith, however, no warranty as to the accuracy or completeness of results, or fitness for a particular use is given, nor is freedom from the infringement of any intellectual/industrial property rights to be inferred. It is provided “as is” for your consideration, investigation and verification. To the extent permissible by applicable law, Gattefossé shall in no way be liable for any reliance upon information or materials provided.
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.

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): 38 (5 subjects)
  UVA *in vitro* (ISO 24443): on going
  Water resistance: 54.7%
  Critical wavelength: on going
  Biodegradability test: on going