



# EU06919C | GELTRAP™ PARASOL

Water-resistant - SPF 18



ADBE STOCK

Fresh & Non sticky skin feel

Inorganic sun filters



|                                           |              |
|-------------------------------------------|--------------|
| Aqua/water                                | Up to 100%   |
| <b>SEPIPLUSTM 400</b>                     | <b>1.20%</b> |
| <b>AQUAXYLTM</b>                          | <b>3.00%</b> |
| <br>                                      | <br>         |
| <b>B EASYNOVTM</b>                        | <b>3.00%</b> |
| C12-C15 Alkyle Benzoate                   | 6.00%        |
| <b>LANOL 1688</b>                         | <b>6.00%</b> |
| Titanium Dioxyde - Stearic Acid - Alumina | 10.00%       |
| Phenoxyethanol - Ethylhexylglycerin       | 0.50%        |
| Parfum/Fragrance                          | 0.10%        |

With WESOURCE®

## White GELTRAP™ / Packaging: Tube

**VISCOSITIES: 1M at RT:** 96,700 mPa.s Brookfield LV4-6 /

**Recovery at RT (after 1M at 45°C):** 86,500 mPa.s Brookfield LV4-6.

**STABILITY:** 1M at RT, 45°C and thermal cycles -5°C/+40°C.

## FORMULATION ADVICES: Pilot - 2.5 Kg - Trimix

Weigh water, add polymer and mix until homogeneous. Prepare phase B and add it to the aqueous gel phase under soft agitation for 10'. The emulsion turns into aqueous gel-in-oil emulsion. Get it thinner by applying 1' of rotor stator at 1500 rpm. Add the AQUAXYLTM, homogenize 5' and stir gently.



This GELTRAP™ concept creates a new fresh texture, for an easily applied suncare , without any stickiness.

The formula contains 8% a.m of inorganic sunscreen filter for a measured SPF= 18 (vitro) and a UVA/UVB ratio of 0.75.

**GELTRAP™ concept: EASYNOVTM & SEPIPLUSTM 400** create a new **WATER-RESISTANT** gel-in-oil formulation, very rich in water via cold process and low shear.

**EASYNOVTM** (Octyldodecanol - Octyldodecyl Xylose - PEG-30 Dipolyhydroxystearate); Liquid lipophilic emulsifier; It realizes emulsions with an **internal gelled aqueous phase extra-rich in water** by a **cold process** with gentle stirring: the **GELTRAP™** emulsions. Novel formulation form, offering surprising textures: **freshness and cushion effect**.

**SEPIPLUSTM 400** (Polycaprolate-13 - Polyisobutene - Polysorbate 20); **Thickening agent** in **liquid form** and **ready-to-use** (no pre-dispersion or neutralization). It gives an **improved electrolyte resistance**. It also allows a **good pick-up** and is compatible with a wide range of active ingredients, over a wide pH range (3 to 12).

**LANOL 1688**, emollient agent, gives a soft and light skin feel to the formula, and contributes to the **GELTRAP™** good spreadability. (Cetearyl Ethylhexanoate)

**AQUAXYLTM** moisturizes and restructures the skin by harmonizing its hydric flow.

(Xylitylglycoside - Anhydroxyitol - Xylitol)

**Boosted water reserves, improved water circulation in all skin layers, reduced water loss** (in vitro & in vivo proven). It improves the foam quality and **reduces irritation** induced some surfactants (LESNa...). Mechanism of action validated by **cosmetogenomics**.

**ADDITIONAL INGREDIENTS:** Titanium Dioxyde - Stearic Acid - Alumina: UV Titan M160 (KEMIRA) / Phenoxyethanol - Ethylhexylglycerin: Euxyl PE9010 (SHÜLKE & MAYR) / Fragrance: Fleur de Frangipanier (TECHNICO FLOR).

More informations available on [seppic.com](http://seppic.com)



Reminder: the formula tolerance has not been evaluated. Its sample should not be tested by sensitive public (pregnant women or kids).

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