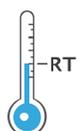


SEPPIC

EU06919B

GELTRAP™ PARASOL WATER-RESISTANT - SPF 18



- **White GELTRAP™**
- **Packaging: Tube**
- **GELTRAP™ concept: EASYNOV™ and SEPIPLUS™ 400 create a new WATER-RESISTANT formulation type very rich in water via cold process and low shear.**
It creates new fresh textures for suncares that are easy to apply without any stickiness
- **This formula contains 8% a.m of inorganic sunscreen filter for a measured SPF= 18 (vitro) and a UVA/UVB ratio of 0.75**
- **The biological photoprotection of SEPIVITAL™ strengthens the inorganic filters efficiency toward UV rays.**



EU06919B - 1411

Formula

A	Aqua/water SEPIPLUS™ 400 AQUAXYL™	Up to 100% 1.2% 3%
B	EASYNOV™ C12-C15 Alkyle Benzoate LANOL™ 1688 Titanium Dioxide & Stearic Acid & Alumina SEPIVITAL™ Phenoxyethanol & Ethylhexylglycerin Parfum/Fragrance	3% 6% 6% 10% 0.01% 0.5% 0.1%

Procedure

2.5kg - 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 AQUAXYL™, homogenize 5' and stir gently.

Characteristics

Appearance	White
Viscosity 1M at RT	96700 mPa.s Brookfield S4S6
Viscosity 1M at 45° C	97000 mPa.s Brookfield S4S6
Viscosity recovery at RT (after 1M at 45° C)	86500 mPa.s Brookfield S4S6
Stability*	At RT /45°C/ thermal cycles -5°/ +40°C

Raw materials from SEPPIC

SEPIPLUS™ 400

Polyacrylate-13 and Polyisobutene and Polysorbate 20

Thickening agent in liquid form ready to use (no predispersion or neutralization). SEPIPLUS™ 400 gives an improved electrolyte resistance. It also allows a good pick-up and guarantees a good spreadability and is compatible with a wide range of actives over a wide pH range (3 to 12).

AQUAXYL™

Xylitylglucoside and Anhydroxylitol and Xylitol

AQUAXYL™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted, water circulation is improved in all skin layers and water loss is reduced (in vitro and in vivo tests prove this efficacy). It's mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

EASYNOV™

Octyldodecanol and Octyldodecyl Xyloside and PEG-30 Dipolyhydroxystearate

Liquid lipophilic emulsifier. EASYNOV™ realizes emulsions with an internal gelled aqueous phase extra-rich in water by a cold process with gentle stirring: the GELTRAP™ emulsions. This novel formulation form offers surprising textures, marrying freshness and cushion effect.

LANOL™ 1688

Cetearyl Ethylhexanoate

Emollient agent which is easy-to-emulsify, Lanol™ 1688 gives a soft and light touch to the formula, and contributes to spread the GELTRAP™ easily.

SEPIVITAL™

Potassium Ascorbyl Tocopheryl Phosphate

Very stable chemical structure obtained by a graft of vitamin C and vitamin E. It acts as a shield against UVB: Cell survival increases by 11.8%. Modulation of pro-apoptotic proteins: Chop (-16%) and BIP (-30%) which are activated by UVs.

Other raw materials...

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

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* Our stability protocols are available at your request.



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