


**O/W  
Emulsion**


- **Appearance: white cream**
- **Packaging: tube**
- **Ideal Matte and antioxidant sun care formula. Good protection (SPF vitro: 33.74 ; UVA/UVB protection : 0.73) with fresh & nude texture.**
- **SEPIMAT™ SB performs a soft focus effect reducing the appearance of shiny and oily skin.**
- **EPHEMER™, macroalgae cells from CELEBRITY™, has an immediate and long term action against free radicals.**
- **SEIPLUS™ 400 improves titanium dioxide (5%) dispersion and MONTANOV™ 82 allows a good homogenisation of solar filters (22% total ratio). The gliding effect of the polymer and the presence of the emulsifier brings an easy spread**
- **SENSANOV™ WR strengthen water resistance ( 20% of weight loss after soaking) preserving a light texture and a soft finish**
- **A formula which differs from its ultra-soft touch, its powdery and non greasy finish!**


**EU07368 - 1601**
**Formula**

A	Aqua/Water <b>SEPIMAT™ SB</b> EDTA TEA 50% Monopropylène glycol	QSP 100% <b>3.00%</b> 0.05% QS pH 3.00%
B	<b>SENSANOV™ WR</b> <b>MONTANOV™ 82</b> Diisopropyl Sebacate Propanediol Dicaprylate C12-C15 alkyl benzoate Diisopropyl Adipate Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine Ethylhexyl Salicylate Homosalate Octocrylene Tocopherol	<b>1.00%</b> <b>2.00%</b> 2.00% 2.00% 2.00% 3.00% 5.00% 7.00% 7.00% 0.05%
C	<b>SEIPLUS™ 400</b> <b>SOLAGUM™ AX</b> Titanium Dioxide and Alumina and Simethicone	<b>1.00%</b> <b>0.10%</b> 5.00%
D	Phenoxyethanol and Ethylhexylglycerine Phenylpropanol and Propanediol and Caprylyl Glycol and Tocopherol Fragrance <b>EPHEMER™</b> <b>ORAMIX™ CG110</b>	1.00% 0.50% 0.20% <b>1.00%</b> <b>0.50%</b>

**Procedure**
**BECOMIX (6 kg)**

Prepare phase B in the tank and heat it at 85° C. In the melter, heat water from phase A at 85° C. Add the ingredients of phase A under stirring. Once phase B melted, add Eusolex T-2000 (phase C) and stir during 10 min before introducing the other ingredients of phase C. Incorporate phase A into phase B+C and emulsify during 10 min. Cool down step by step till 30° C. Add phase D under stirring and cool down at RT. Homogenize.

**Characteristics**

Appearance	Ivory cream
pH	7.55
Viscosity 1M at RT	48 800 mPa.s Brookfield S4S6
Viscosity 1M at 45° C	13 800 mPa.s Brookfield S4S6
Viscosity recovery at RT (after 1M at 45° C)	49 800 mPa.s Brookfield S4S6
Stability*	stable

## Raw materials from SEPPIC

**SEPIMAT™ SB**
**Methyl Methacrylate Crosspolymer**

SEPIMAT™ SB, consisting of absorbent, soft microspheres is ideal for a soft and matte skin appearance. This versatile and easy-to-disperse powder is suitable for all types of formulations and is especially adapted for fluid or sprayable formulations due to its fine granulometry.

**SENSANOV™ WR**
**C20-22 Alkyl Phosphate and C20-22 Alcohols**

Versatile phosphate anionic emulsifier effective at low dosage (1 to 3%). Provides a feeling of lightness followed by the sensation of a matt velvety veil which slowly envelops the skin. Finally SENSANOV™ WR emulsions leaves the skin supple with a long lasting sensation of comfort. This protective film sensation is reflected in vivo by a water-resistant effect for the development of sun care formulations. SENSANOV™ WR reduces oiliness of extra rich emulsion. Ideal for makeup products, SENSANOV™ WR is able to emulsify a high percentage of fillers keeping a perfectly smooth texture.

**MONTANOV™ 82**
**Cetearyl Alcohol and Coco-Glucoside**

Glucolipid emulsifier derived from vegetable origin. MONTANOV™ 82 is especially well-suited for formulations with a high concentration of active ingredients. In combination with the other grades of the MONTANOV™ range, it can be used to modulate the texture and flexibility of the emulsions as desired. It allows the formulation of stable sun care products in terms of texture, dispersion of sunscreens, protection factor, etc. Ecocert, Cosmos and Natrue approved.

**SEIPLUS™ 400**
**Polyacrylate-13 and Polyisobutene and Polysorbate 20**

Thickening agent in liquid form ready to use (no predispersion or neutralization). SEIPLUS™ 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).

**SOLAGUM™ AX**
**Acacia Senegal Gum and Xanthan Gum**

Combination of thickening polymers. Eco-friendly product developed in accordance with sustainable development. Can be used with hot or cold process. Ecocert and Natrue approved.

**EPHEMER™**
**Caprylic/Capric Triglyceride & Undaria Pinnatifida Extract**

Extract of gametophytes, macroalgae cells of *Undaria Pinnatifida*. Unique sourcing of these ephemeral cells for an immediate and long lasting antioxidant effect. Specific efficacy on mitochondrial-free-radical reduction (in vivo study). In vivo, after 28 days, the skin strengthen its antioxidant capacity, versus placebo.

**ORAMIX™ CG 110**
**Caprylyl / Capryl Glucoside**

Non-ionic surfactant from vegetable origin. It is an ideal solubilizing agent for foaming products because it solubilizes essential oils, fragrances and preservatives but also boosts foam volume. Its mild cleansing effect is interesting for the formulation of make-up removers, especially for lotions. It is particularly used to emulsify and disperse molecules in cream-gels. Ecocert, Cosmos and Natrue approved.

### Other raw materials...

- Diisopropyl Sebacate: **DUB DIS (STEARINERIE DUBOIS)**
- Propanediol Dicaprylate: **DUB Zenoat (STEARINERIE DUBOIS)**
- C12-C15 alkyl benzoate (**STEARINERIE DUBOIS**)
- Diisopropyl Adipate: **DUB DIPA (STEARINERIE DUBOIS)**
- Ethylhexyl Salicylate: **Eusolex OS (MERCK)**
- Homosalate: **Eusolex OCR (MERCK)**
- Octocrylene: **Eusolex HMS (MERCK)**
- Titanium Dioxide & Alumina & Simethicone: **Eusolex T-2000 (MERCK)**
- Phenoxyethanol and Ethylhexylglycerine: **Euxyl PE9010 (S&M)**
- Phenylpropanol & Propanediol & Caprylyl Glycol & Tocopherol: **Sensiva PA40 (S&M)**
- Fragrance: Parfum Fleur de Tiaré (**TECHNICOFLOR**)