


**O/W Emulsion**


- **Coarse white cream**
- **Packaging: Jar**
- **This preparation with texture like a cloud can provides a fresh feeling and immediate light whitening effect.**
- **Actives: AQUAXYL™ helps to keep skin moisturized over time, while SEPICALM™ VG WP and SEASHINE can lighten your skin.**


**Formula**

A	Cyclopentasiloxane	9.00%
B	Aqua/Water Butylene Glycol Dipropylene Glycol Phenoxyethanol (and) Ethylhexylglycerin <b>SEPIMAT™ SB</b> Titanium Dioxide (and) Silica <b>SIMULGEL™ EG</b>	Up to 100% 5.00% 2.00% 0.80% <b>1.00%</b> 4.00% <b>2.00%</b>
C	<b>AQUAXYL™</b> <b>SEPICALM™ VG WP</b> <b>SEA SHINE</b>	<b>1.50%</b> <b>1.00%</b> <b>1.00%</b>
D	Fragrance	0.20%
E	Citric Acid (25%)	0.40%

**Procedure**
**Lab - (Anchor stirrer - 300g)**

- 1, Mix Phase B uniformly except for SIMULGEL EG.
- 2, Then add SIMULGEL EG, mix with anchor stirrer 250 rpm for 10 minutes.
- 3, Then add Phase A to Phase B, mix with anchor stirrer 250 rpm for 15 minutes.
- 4, Add Phase C one by one, mix for 15 minutes, then add phase D, mix for 5 minutes.
- 5, Add Phase E, adjust pH to 5-5.5.

**Characteristics**

Appearance	Coarse white cream
Viscosity 1M at RT	53000mPa.s Brookfield S4S6
pH	5.2
Viscosity 1M at 45° C	29700mPa.s Brookfield S4S6
Viscosity recovery at RT (after 1M at 45° C)	47000mPa.s Brookfield S4S6
Stability	1M Stable at RT/ 45° C/ -18° C Stable after 1M of freeze/thaw cycles - 5/+40° C

# 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.

**SIMULGEL™ EG**
**Sodium Acrylate / Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 80**

Thickening and emulsifying agent in the form of liquid, this polymer is ready and easy for use (neither predispersion nor neutralization). Simulgel™EG perfectly stabilizes emulsions at high temperatures, and allows you to obtain rich, silky and easy-to-apply formulas.

**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.

**SEPICALM™ VG WP**
**Sodium Palmitoylproline and Nymphaea Alba Flower Extract**

A successful marriage between palmitoylproline and water lily flower extract reaching a unique lightening and soothing effect: thanks to an action towards both a modulation of inflammation mediators and a reduction of genetic expression of tyrosinase (key enzyme of pigmentation), SEPICALM™ VG decreases cutaneous pigmentation induced by stress or aging process (in vitro and in vivo proven efficacy).

**SEA SHINE**
**Aqua/water/butylene glycol/ algae extract/ undaria pinnatifida extract**

Water soluble easy to use active which has shown in vitro efficiency on few pigmentation genes. Lightening effect in vivo proved.

## Other raw materials...

- Phenoxyethanol (and) Ethylhexylglycerin: **EUXYL 9010 (SCHUELKE & MAYR)**
- Titanium Dioxide (and) Silica: **EUSOLEX T-AVO (MERCK KGaA)**