


**O/W Emulsion**


- **Appearance: white cream**
- **Packaging: jar**
- **Body care formulation with bio-sourced ingredients and illustrative of the RSPO action plan**
- **To preserve the skin against pollution, this cream associates the antioxidant action of EPHEMER™\*, the first active from CELEBRITY™ technology (macroalgae cells culture) and moisturizing power of AQUAXYL™ a 100% bio-sourced agent.**
- **MONTANOV™ 68 MB + 202 associated with a low ratio of SEPINOV™ EMT 10\* stabilizes the oily phase complex and improves texture smoothness**
- **EMOGREEN™ L19 procures a gliding texture and a soft, non greasy touch. High compatibility with esters.**
- **This formula is the result of an ethical sourcing and inspires well-being for the body**

\* **Ingredients included in SEPPIC action plan RSPO Mass Balance certification for 2017**

° **Mass Balance sourcing + No deforestation certificate**


**AS40062 - 1601**

## RESPONSIBLE SOURCE PALM ANTI POLLUTION CREAM

### Formula

A	Aqua/Water <b>SOLAGUM™ AX</b> Butylene Glycol	Up to 100% <b>0.15%</b> 4.00%
B	<b>MONTANOV™ 68 MB</b> <b>MONTANOV™ 202</b> <b>LANOL P*</b> <b>LANOL 99</b> <b>LANOL 2681</b> <b>EMOGREEN™ L19°</b>	<b>2.00%</b> <b>1.00%</b> <b>3.00%</b> <b>2.00%</b> <b>4.00%</b> <b>3.00%</b>
C	<b>SEPINOV™ EMT 10*</b>	<b>0.40%</b>
D	<b>AQUAXYL™</b> Tocopheryl Acetate <b>EPHEMER™*</b> Phenoxyethanol and Ethylhexyglycerin Caprylyl Glycol and Ethylhexylglycerin Fragrance TEA 20%	<b>3.00%</b> 0.20% <b>1.00%</b> 0.70% 0.30% 0.10% Up to pH 5~5.5

### Procedure

#### Versamix – Rotor Stator (7 Kg)

Disperse SOLAGUM in water of phase A and incorporate other ingredients, heat to 85°C. Prepare phase B in the tank and heat up to 85°C. Disperse SEPINOV™ EMT 10 in phase B, then add phase A into phase (B+C) and homogenize with rotor-stator (4000rpm; 5 min). Cool down at 45°C under anchor stirring. Add ingredients of phase D. Stop stirring until complete homogenization. Adjust pH with TEA (20%).

### Characteristics

Appearance	White cream
pH	5.6
Viscosity 1M at RT	45 100 mPa.s Brookfield S4S6
Viscosity 1M at 45° C	40 000 mPa.s Brookfield S4S6
Viscosity recovery at RT (after 1M at 45° C)	43 000 mPa.s Brookfield S4S6

## Raw materials from SEPPIC

### 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.

### MONTANOV™ 68 MB

#### Cetearyl Alcohol and Cetearyl Glucoside

Glucolipid emulsifier derived from vegetable origin. It can be used to formulate rich, smooth textures with any type of oil phase. Promoter of liquid crystals, it plays a role in maintaining skin moisturization over time. Ecocert, Cosmos and Natrue approved.

### MONTANOV™ 202

#### Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside

Glucolipid emulsifier derived from vegetable origin. Promoter of liquid crystals, it plays a role in maintaining skin moisturization over time. Thanks to liquid crystals which contain water, MONTANOV™ 202 helps to keep skin moisturized. Ecocert and Natrue approved.

### LANOL P

#### Glycol Palmitate

Texturing agent which improves the consistency of the formula and brings soft skin feel, without any soaping effect.

### LANOL 99

#### Isononyl Isononanoate

Emollient agent.

### LANOL 2681

#### Coco-Caprylate/ Caprate

Emollient agent from vegetable origin. Ecocert approved.

### EMOGREEN L19

#### C15-19 Alkane (renewable)

EMOGREEN™ L19 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue (certification on going). It give a fresh and gliding touch, with a soft afterfeel. Inert and stable, it can be used in all types of applications, even in extreme conditions (ph, oxidizing/reducing media...)

### SEPINOV™ EMT 10

#### Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer

Powder polymer «2-in-1», thickening in a wide pH range (3-12), ready to use, with an excellent stabilizing properties at low level and in presence of a high % of oily phase. Sensory profile: "satin" touch, fresh, glide-on.

### 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.

### EPHEMER™

#### Caprylic/Capric Triglyceride & Undaria Pinnatifida Extract

Extract of gametophytes, macroalgae cells of *Undaria Pinnatifida*. Unique sourcing of these ephemeral cells for an immediate antioxidant effect.

## Other raw materials...

- Tocopheryl Acetate: D-alpha-Tocopheryl Acetate (DSM)
- Phenoxyethanol and Ethylhexylglycerin: Euxyl PE9010 (SCHÜLKE & MAYR)
- Caprylyl Glycol and Ethylhexylglycerin: Sensiva SC 10 (SCHÜLKE & MAYR)
- Fragrance: FRAG261664 (DROM)