



O/W  
Emulsion



- Ivory Cream
- Packaging : Tube
- 98% of the ingredients are Ecocert approved.
- SURVICODE™ helps the communication between the cells for a radiant skin.
- The skin is durably moisturized thanks to AQUAXYL™.
- SIMULGREEN™ 18-2 allows to emulsify a oily vegetable phase without a soap effect at the application.
- This rich formula is naturally stabilized by SOLAGUM™ TARA.

Formula		
A	Water AMINAT™ CB NaOH 24% SIMULGREEN™ 18-2	Qsp 100% 1.25% Qs pH 6-6.5 3.00%
B	LANOL™ 2681 Stearalkonium Bentonite	7.00% 0.50%
C	Helianthus Annuus (Sunflower) Seed Oil Squalane SURVICODE™ Tocopherol Butyrosperum Parkii (Shea Butter) Cera Alba Glyceryl Stearate Citrate SOLAGUM™ TARA	7.00% 6.00% 1.00% 0.05% 3.00% 2.00% 1.00% 1.00%
D	AQUAXYL™ Fragrance	3.00% 0.20%

### Procedure

#### TRIMIX (Rotor Stator) – 7kg

Disperse the phase B in a 3L beaker. Melt phase C (except SOLAGUM™ TARA) + phase B in a water bath at 80° C. Heat the water at 75° C in the pilot tank. Introduce SIMULGREEN™ 18-2 in water and homogenize at 90 rpm during 10 minutes. Then, add the others ingredients of the phase A and stir during 2 minutes. Outside the water bath, add Solagum™ Tara to the B+C phases and homogenize. Add to the TRIMIX and homogenize (3000 rpm – 5min). Cool down while stirring (240 rpm). At 40°C, add D phase and cool down.

### Characteristics

Appearance	Ivory Cream
pH	6.5
Viscosity 1M at RT	85 000 mPa.s Brookfield S4S6
Viscosity 1M at 45° C	13 000 mPa.s Brookfield S3S6
Viscosity recovery at RT (after 1M at 45° C)	88 000 mPa.s Brookfield S4S6
Stability*	M1 at RT, 45° C, cycles -5° C/+40° C

## Raw materials from SEPPIC

### ANIMAT™ CB

Benzyl Alcohol and Glycerin and Ethyl Lauroyl Arginate HCl and Cinnamic Acid  
An Ecocert and broad spectrum preservative very easy to use and from natural origin.

### SIMULGREEN™ 18-2

#### Hydroxystearyl Alcohol and Hydroxystearyl Glucoside

Emulsifier from vegetable origin with a structure designed to respect the environment and provides versatile emulsifying properties: allows formulation over a broad pH range (3-10), stabilizes all nature of oils, efficient from 2% especially with vegetable oils and provides good resistance to electrolytes/actives. Its sensory profile is exceptional: no soapy effect regardless of the oily phase and an « invisible » presence with a nude skin sensation during application and a lasting softness. It provides 8 hours moisturizing long lasting effect.

SIMULGREEN 18-2 wins 2013 China Personal Care&Cosmetics Innovation Awards. Ecocert and Natrue approved.

### LANOL™ 2681

#### Coco-Caprylate/ Caprate

Emollient agent from vegetable origin. Ecocert approved.

### SURVICODE™

#### Sodium Cocoyl Alaninate

Lipobiovecteur capable of correcting new and standing wrinkles by fighting cell-aging markers (superior clinical results to those of a reference lipopeptide on the market – 42 days). The skin retains its capital of youth ("Longevity" action on the 'time' proteins that increase cell survival), is more harmonious ("communication" action on the 'dialogue' proteins) and is more resistant to stress ("defence" action on the 'sentinel' cells). Ecocert and Natrue approved.

### SOLAGUM™ TARA

#### Caesalpinia Spinosa Gum

A powerful thickening natural gum from Caesalpinia spinosa endosperm seeds. Synergistic efficiency with synthetic and natural polymers. Ecocert, Cosmos and Natrue approved.

### 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.

### Other raw materials...

- Stearalkonium Bentonite: **TIXOGEL MP250 (ROCKWOOD)**
- Helianthus Annuus (Sunflower) Seed Oil: **HUILE DE TOURNESOL BIO (BERTIN)**
- Squalane: **PHYTOSQUALANE (SOPHIM)**
- Tocopherol: **DL α TOCOPHEROL (BASF)**
- Butyrosperum Parkii (Shea Butter): **BEURRE DE KARITE BIO (SOPHIM)**
- Cera Alba: **CIRE D'ABEILLE (BAERLOCHER France)**
- Glyceryl Stearate Citrate: **AXOL C62 (EVONIK)**
- Fragrance: **FLEUR DE COTTON NATCO (EXPRESSIONS PARFUMÉES)**



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\* Our stability protocols are available at your request.