



US20005

# Light Feel SPF 30+ Sunscreen



O/W Emulsion



- Flowable sunscreen emulsion
- Packaging : bottle
- Light, dry, extra nude feel via SIMULGREEN™ 18-2
- Combination of organic and inorganic filters
- Increased hydration via AQUAXYL™
- Green preservation via AMINAT™CB
- Formula as green as possible
- SPF vivo: 34.9 and good UVA protection: 13.9



US20005 -1302

\* See US 5576354 & US 5587150

## Formula

A	Aqua/Water Glycerin <b>ORAMIX™ CG110</b> <b>AMINAT™ CB</b> <b>SIMULGREEN™ 18-2</b>	Up to 100% 2.00% <b>0.50%</b> <b>1.00%</b> <b>2.00%</b>
B	C12-15 Alkyl Benzoate Homosalate Ethylhexyl Salicylate Octocrylene* Butyl Methoxydibenzoylmethane* Benzophenone-3 <b>SOLAGUM™ AX</b> Titanium Dioxide & Silica & Dimethicone	5.00% 10.00% 5.00% 4.00% 3.00% 4.00% <b>0.50%</b> 5.00%
C	<b>AQUAXYL™</b>	<b>3.00%</b>

## Procedure

### Trimix – 5 kg

Heat phase A to 80° C in the main tank.  
Heat phase B to 80° C without Parsol TX and Solagum AX in a beaker. Add Parsol TX and Solagum AX in the end of heating.  
Add phase B in to the main tank containing phase A then homogenize (rotor-stator).  
When the emulsion is homogeneous, cool down to 30° C.  
Add phase C.

## Characteristics

• Appearance	Off-White Lotion
• pH 7D	5.1
• Viscosity 7D at RT	5,500 mPa.s Brookfield LV3 speed 6

## Raw materials from SEPPIC

### AQUAXYL™

#### Xylitylglucoside & Anhydroxylitol & Xylitol

New "AQUACONCEPT" technology : thanks to an harmonization of the skin's hydrous flow, AQUAXYL™ moisturizes and restructures the skin ; Water reserves are instantly boosted and water loss is reduced (in vitro and in vivo proven efficacy) for a more supple and resilient skin !<sup>1</sup>

### ORAMIX™ CG110

#### Caprylyl/Capryl Glucoside

Non-ionic surfactant from vegetable origin. It is an ideal solubilizing agent.

### AMINAT™ CB

#### Benzyl Alcohol & Glycerin & Ethyl Lauroyl Arginate HCl & Cinnamic Acid

An ECOCERT, broad spectrum preservative that is totally biodegradable, easy to use from natural origin.

### SIMULGREEN™18-2

#### Hydroxystearyl Alcohol & Hydroxystearyl Glucoside

Glucolipid emulsifier in harmony with nature. It produces emulsions with a very light, nude feel that are easy to apply and rapidly absorbed. These emulsions leave the skin soft and non-greasy. Their matt finish effect helps prevent shine. **SIMULGREEN™18-2** can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to help maintain skin moisturization.

### SOLAGUM™ AX

#### Acacia gum and Xanthan gum

Original association of thickening polymers from vegetable origin validated by ECOCERT®. Eco-friendly product developed in accordance with sustainable development. Furthermore, thanks to its innovative process, it is a userfriendly product : low dusting, instant cold or hot water soluble even under slow stirring. With its moderate thickening power, it is a good candidate for each kind of cosmetic products from fluid (body care) to more thicken ones (face or hands care).

## Other raw materials...

- C12-15 Alkyl Benzoate: **DUB B1215 (Stearinerie Dubois)**
- Homosalate : **Parsol HMS (DSM)**
- Ethylhexyl Salicylate: **Eusolex OS (Merck)**
- Octocrylene: **Eusolex OCR (Merck)**
- Butyl Methoxydibenzoylmethane : **Eusolex 9020 (Merck)**
- Benzophenone-3: **Uvinul M 40 (BASF)**
- Titanium Dioxide & Silica & Dimethicone: **Parsol TX (DSM)**

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