

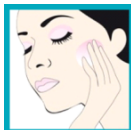
# SEPPIC

EU07309

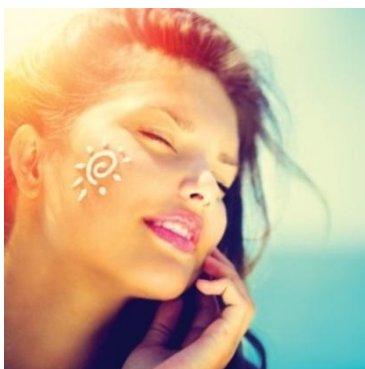
## A POCKET FULL OF SUNSHINE IN VIVO APPROVED



O/W  
Emulsion



- **White emulsion**
- **Packaging: pump**
- **In vivo tested formula vs non treated area, in comparison with Acetyl Tyrosine, market reference.**
- **SEPISUN FLASH™, sun ready-to-wear:**
  - **Spring: prepares and colours the skin even without sun.**
  - **Summer: booster of melanine – the skin tans twice as fast**
  - **Autumn-winter : prolongs the « healthy glow » effect.**
- **SEPIMAX™ Zen and SOLAGUM™ AX stabilize also the same formula with 1% Acetyl Tyrosine.**



EU07309 - 1407

### Formula

A	Aqua/Water Disodium EDTA Sodium Benzoate NaOH (12%)	Up to 100% 0.10% 0.30% 0.07%
B	<b>MONTANOV™ L</b> <b>SIMULSOL™ 165</b> <b>LANOL™ P</b> Caprylic/Capric Triglyceride Neopentyl Glycol Dimethicone <b>SEPISUN FLASH™</b>	<b>1.00%</b> <b>2.00%</b> <b>2.00%</b> 5.00% 8.00% 1.00% <b>1.00%</b>
C	<b>SEPIMAX™ ZEN</b> <b>SOLAGUM™ AX</b>	<b>1.50%</b> <b>0.50%</b>
D	Phenoxyethanol and Ethylhexylglycerin	1.00%

### Procedure

**TRIMIX (rotor stator) – 4.5kg**

Heat water at 75° C under low agitation, add the other ingredients of phase A. Heat phase B at 80° C with a water bath. When phase B is melted, add phase C and homogenize with a spatula. Incorporate phase B into phase A under high shear (3000rpm). Cool down to 30° C. Add phase D, homogenize (150 rpm). Adjust pH if necessary

### Characteristics

Appearance	White Emulsion
pH	6.1
Viscosity 1M at RT	150 000 mPa.s Brookfield S7S5
Viscosity 1M at 45° C	37 000 mPa.s Brookfield S4S6
Viscosity recovery at RT (after 1M at 45° C)	130 000 mPa.s Brookfield S7S5
Stability*	Stable at 4° C, 45° C

## Raw materials from SEPPIC

### LANOL™P

#### Glycol Palmitate

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

### MONTANOV™ L

#### C14-22 Alcohols and C12-20 Alkyl Glucoside

Glucolipid emulsifier in harmony with nature. MONTANOV L is well-suited to formulate different textures (from sprayable to butter cream) no matter the nature or the quantity of fatty phase used. It stabilizes emulsions, and has a strong moisturizing power since it promotes liquid crystals which prevent the skin from dehydration (efficacy proven in vivo). Ecocert and Natrue approved.

### SEPIMAX™ ZEN

#### Polyacrylate Crosspolymer-6

Powder polymer with a MAXIMUM resistance to electrolytes thanks to its high associative behavior. Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling: rich, velvety and elegant. It is now possible to formulate transparent aqueous gels, cream-gels and emulsions with any kind of active ingredients and to achieve ZEN.

### SEPISUN FLASH™

#### Glyceryl Cocoyl Leucinate

SEPISUN FLASH™ is the « healthy glow» look solution all year round. It will naturally increase the production of melanine and ensure a “sun” effect throughout the seasons. Spring: SEPISUN FLASH™ prepares the skin and starts the melanine production. In only 15 days, it proves a “healthy glow” look without sun exposure. Summer: SEPISUN FLASH™ boosts the sun effect and helps bronze twice as fast. The skin UV damages decrease. Autumn-winter: SEPISUN FLASH™ helps to prolonge the “sun-kissed” skin effect even without applying product.

### SIMULSOL™ 165

#### PEG-100 Stearate and Glyceryl Stearate

Non-ionic self-emulsifying base. Provides formation of O/W emulsions with various consistency.

### 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.

## Other raw materials...

- Disodium EDTA : **EDTA Disodique (BASF)**
- Caprylic/Capric Triglyceride : **DUB MCT 55/45 (STEARINERIE DUBOIS)**
- Dimethicone : **DC 200-350 cps (DOW CORNING / UNIVAR)**
- Phenoxyethanol and Ethylhexylglycerin : **EUXYL PE9010 (SHULKE & MAYR)**

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\* Our stability protocols are available at your request.



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