



# EU07481 | WINTER IS HERE

## SPF 50 UV extreme protective sunscreen



Protect the skin

Extreme sports !



NOC = 84.8%  
NATURALITY PROFILE according to ISO 16 128 norm

<b>A</b>	Aqua / Water	Qsp 100%
	Disodium EDTA	0.05%
	Triethanolamine (50%)	Qs pH
	Monopropylene Glycol	3.00%
	<b>SEPIMAT™ SB</b>	<b>2.00%</b>

<b>B</b>	<b>SENSANOV™ WR</b>	<b>1.00%</b>
	<b>MONTANOV™ 82</b>	<b>2.00%</b>
	<b>LANOL 37T</b>	<b>10.00%</b>
	<b>EMOGREEN™ L15</b>	<b>5.00%</b>
	Ethylhexyl Methoxycinnamate	6.00%
	Bis-Ethylhexyloxyphenol Methoxyphenyl	4.00%
	Triazine	
	Homosalate	5.00%
	Octocrylene	3.00%
	Tocopherol	0.05%

<b>C</b>	<b>SEPINOV™ EMT 10</b>	<b>0.80%</b>
	<b>SOLAGUM™ AX</b>	<b>0.10%</b>

<b>D</b>	Phenoxyethanol - Ethylhexylglycerin	1.00%
	Phenylpropanol - Propanediol - Caprylyl Glycol	0.50%
	-Tocopherol	
	Fragrance	0.20%
	<b>ANTILEUKINE 6™</b>	<b>2.00%</b>

<b>E</b>	Methylene Bis-Benzotriazolyl	8.00%
	Tetramethylbutylphenol	
	Citric Acid	

Qs pH 5.5

Fluid Ivory emulsion / Challenge test: Criteria A / Packaging : Pump

pH: 6 / VISCOSITIES: • M1 at RT: 18, 060 mPa.s Brookfield LV3-6; • M1 at 45°C: 7, 380 mPa.s (LV3-6) Recovery at RT (after 1M at 45°C): 17, 760 mPa.s Brookfield LV3-6

STABILITY: 1M at RT & 45°C & cycles & centrifugation.

FORMULATION ADVICES: Pilot - 6 Kg - Trimix

Heat phase A at 80°C. In a beaker, melt phase B at 80°C, then add phase C. Add the phase (B+C) into phase A (3000 rpm, 10 minutes). Laisser refroidir the mixture to 40°C. Add phase D, then phase E adjusted to the correct pH (5.5). The final mixture is homogenized (3000 rpm, 10 minutes) and cooled down under stirring.

### A resistant sun cream for effective protection during physical activity

**ANTILEUKINE 6™** protects the skin from the aggressions of the cold and UV rays. (Caprylic/Capric Triglyceride and Laminaria Ochroleuca Extract)

**MONTANOV™ 82** (Cetearyl Alcohol and Coco-Glucoside) and **SENSANOV™ WR** (C20-22 Alkyl Phosphate and C20-22 Alcohols) form a combination bringing a soft texture to the emulsion. **SENSANOV™ WR** provides excellent water resistance (84%) to this sun care formulation. It provides a light sensation on the skin and a powdery finish.

**SEPINOV™ EMT 10** stabilizes the high percentage of oil phase (~36%) and sun filters (26%). (Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer)

**LANOL 37T** natural polar emollient, contributes to UV filters solubilization. (Triheptanoin)

**EMOGREEN™ L15** provides gliding, a light touch and a soft, powdery finish. (C15-19 Alkane (Plant-based & Renewable))

**SEPIMAT™ SB** ensures a powdery matte finish and quick drying on the skin. (Methyl Methacrylate Crosspolymer)

- Approved filters in Europe
- Label SPF 50 (tested in vivo\*\* and in vitro\*\*\*)
- Storage under extreme temperature conditions (4°C and 45°C for 2 months) does not affect the sun protection factor (in vitro measurements).

**ADDITIONAL INGREDIENTS:** Phenoxyethanol and Ethylhexylglycerin: EUXYL PE 9010 (Schülke & Mayr) / Phenylpropanol and Propanediol and Caprylyl Glycol and Tocopherol : SENSIVA PA 40 / Autres fournisseurs : Ethylhexyl Methoxycinnamate : EUSOLEX 2292 (MERCK); Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine : TINOSORB S (BASF); Homosalate : EUSOLEX HMS (MERCK); Octocrylene : EUSOLEX OCR (MERCK); Fragrance : FLEUR DE TIARE (TECHNICOFLOR); Methylene Bis-Benzotriazolyl Tetramethylbutylphenol : TINOSORB M (BASF)

### A formula related to ATHLEISURE concept

More informations available on [seppic.com](http://seppic.com)



All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

