



EU07481 | WINTER IS HERE

SPF 50 UV extreme protective sunscreen



NOC = 84.8%
NATURALITY PROFILE according to ISO 16 126 norm

UV protection SPF 50

Texture adapted to outdoor sport practice

A	Aqua / Water Disodium EDTA Triethanolamine (50%) Monopropylene Glycol SEPIMAT™ SB	Qsp 100% 0.05% Qs pH 3.00% 2.00%
B	SENSANOV™ WR MONTANOV™ 82 LANOL 37T EMOGREEN™ L15 Ethylhexyl Methoxycinnamate Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine Homosalate Octocrylene Tocopherol	1.00% 2.00% 10.00% 5.00% 6.00% 4.00% 5.00% 3.00% 0.05%
C	SEPI NOV™ EMT 10 SOLAGUM™ AX	0.80% 0.10%
D	Phenoxyethanol - Ethylhexylglycerin Phenylpropanol - Propanediol - Caprylyl Glycol -Tocopherol Fragrance ANTILEUKINE 6™	1.00% 0.50% 0.20% 2.00%
E	Methylene Bis-Benzotriazolyl Tetramethylbutylphenol Citric Acid	8.00% Qs pH 5,5

With WESOURCE

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 and **SENSANOV™ WR** form a combination bringing a soft texture to the emulsion.

MONTANOV™ 82 (Cetearyl Alcohol and Coco-Glucoside)

Glycolipid emulsifier derived from vegetable origin. MONTANOV™ 82 allows the formulation of stable sun care products in terms of texture, dispersion of sunscreens, protection factor, etc.

SENSANOV™ WR (C20-22 Alkyl Phosphate and C20-22 Alcohols)

Versatile phosphate anionic emulsifier effective at low dosage (1 to 3%). SENSANOV™ WR emulsions leaves the skin supple with a long lasting sensation of comfort. This protective film sensation is reflected in vivo by a water-resistant effect for the development of sun care formulations. SENSANOV™ WR reduces oiliness of extra rich emulsion, for a light skin feel and a powdery finish.

SEPI NOV™ 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).

INGRÉDIENTS ADDITIONNELS: Phenoxyethanol and Ethylhexylglycerin: EUXYL PE 9010 (Schülke & Mayr) / Phenylpropanol and Propanediol and Caprylyl Glycol and Tocopherol : SENSI PA 40 / Autres fournisseurs :Ethylhexyl S (BASF) ; Homosalate : 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 BEAUTY** concept
More informations available on seppic.com

Reminder: the formula tolerance has not been evaluated. Its sample should not be tested by sensitive public (pregnant women or kids).

SEPPIC

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