



EU07227A | SENSORIAL SUNSCREEN

SPF 30 - Natural Origin formula



O/W Emulsion



A	Aqua / Water	17.10%
	SOLAGUM™ AX	0.50%
	Glycerin	5.00%
	Aqua & Tilia Tomentosa Bud & Citric Acid	21.00%
B	MONTANOV™ 82	4.00%
	MONTANOV™ S	1.00%
	DUB COG*	2.00%
	Zinc Oxide & Caprylic/Capric Triglyceride & Glyceryl Isostearate & Polyhydroxy Stearic Acid	12.00%
	Titanium Dioxide & Ethyl Macadamiate & Stearic Acid & Aluminium Hydroxide & Silica & Polyhydroxystearic Acid	22.30%
	Sodium Phytate	0.50%
C	AQUAXYL™	3.00%
D	Benzyl Alcohol	0.80%
	Citric Acid 10%	6.20%
	Parfum / Fragrance	0.10%

White Emulsion / Packaging: Tube

pH: 7.1 / **VISCOITIES: 1D at RT:** 14,000 mPa.s Brookfield LV4-10

STABILITY: 1M at RT, 45°C, 55°C, 4°C.

FORMULATION ADVICES: Pilote scale - 10 kg - Silverson

Heat water of phase A at 75°C and disperse SOLAGUM™ AX. Heat phase B at 75°C and homogenize until uniform. Add phase B into phase A and emulsify. Cool down with deflocculating stirrer until 35°C. Add phases C and D. Homogenize for 2 minutes.

This multi-action sun care protects skin against UV-rays effects while moisturizing and refining the skin!

The combination of **MONTANOV™ 82** & **MONTANOV™ S** creates a stable and homogenous emulsion over the time. It allows a homogenous dispersion of sunscreens and creates a smooth and uniform films on the skin.

MONTANOV™ 82 (Cetearyl Alcohol and Coco-Glucoside) Glucolipid emulsifier derived from vegetable origin. **MONTANOV™ 82** is especially well-suited for formulations with a high concentration of active ingredients. In combination with the other grades of the MONTANOV™ range, it can be used to modulate the texture and flexibility of the emulsions as desired. It allows the formulation of stable sun care products in terms of texture, dispersion of sunscreens, protection factor.

MONTANOV™ S (Cocoglucoside and Coconut Alcohol) Glucolipid co-emulsifier in harmony with nature. The combination with another emulsifier facilitates the formulation of stable sun care products in terms of texture, dispersion of sunscreens, protection factor.

SOLAGUM™ AX (Xanthan Gum and Acacia Senegal Gum) Smart combination of natural thickening polymers. **SOLAGUM™ AX** also displays emulsifying properties that allow to stabilize up to 15% of oils. It also offer good compatibility with hydrophilic pigments and inorganic sunscreens allowing to create all kind of formulation. Can be used with hot or cold process. Cosmos and Natrue approved, it is the perfect ally for all natural formulation.

AQUAXYL™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. (Xylitylglycoside and Anhydroxylitol and Xylitol) 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. Cosmos and Natrue approved.

Partner Ingredients

DUB COG* (Cocoglycerides) Used as emulsifier, pigment dispersant and solubilizer of UV filters. This ester can be used in Natrue, Cosmos & Ecocert® cosmetic formulations. Percentage of ingredients with natural origin according to ISO 16128: 100%.

ADDITIONAL INGREDIENTS: Aqua & Tilia Tomentosa Bud & Citric Acid: LIME TREE BLOSSOM BIO DISTILLATE (BOTANICA) / Zinc Oxide & Caprylic/Capric Triglyceride & Glyceryl Isostearate & Polyhydroxy Stearic Acid: Zinclear IN 50 CCT (MASSO) / Titanium Dioxide & Ethyl Macadamiate & Stearic Acid & Aluminium Hydroxide & Silica & Polyhydroxystearic Acid: EMPISOTEL (KOB) / UNIPLEX - Sodium Phytate: DERMOFEEL PA-3 (LUCAS MEYER) - Benzyl Alcohol: MICRO CARE BNA (THOR) - Parfum / Fragrance: Parfum Monol ECOCERT SH 6680 (CREATIONS ET PARFUMS)

*Stéarinerie Dubois' products distributed in the US by SEPPIC Inc.

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A company