



O/W Emulsion



Aspect : Tinted cream

Packaging : Tube

100% natural ingredients !

EMOGREEN™ L15 brings gliding and a matte finish. Good stability of SOLAGUM™ AX and MONTANOV™ grades with make-up pigments. Challenge test approved ! AMINAT™ CB successfully preserves this formulation (A criteria).

A light, satiny ECOCERT formula that naturally evens out the complexion.



Formula

A	Aqua / Water Aqua and Tilia Tomentosa Bud Extract and Citric Acid Glycerin SOLAGUM™ AX	Up to 100 % 15.00 % 3.00 % 0.50 %
B	MONTANOV™ L MONTANOV™ 82 LANOL 2681 Behenyl Behenate Helianthus Annuus Seed Oil Mangifera Indica (Mango) Seed Butter EMOGREEN™ L15	5.00 % 2.00 % 8.00 % 1.00 % 5.00 % 2.00 % 2.00 %
C	Talc Titanium Dioxide Iron Oxides	2.00 % 7.00 % 1.15 %
D	AMINAT™ CB	1.20 %

Procedure

Dumex – 10 kg

Disperse SOLAGUM™AX in hot water phase A with Silverson mixer. Emulsify the oily phase B into the phase A with Silverson at 80°C. Then, disperse pigments of phase C with Silverson. Cool down the mix. Add AMINAT™ CB at about 40°C while mixing with Rayneri mixer.

Characteristics

Appearance	Tinted cream
pH	4,71
Viscosity 1M at RT	32 300 mPa.s Brookfield M6V10
Stability*	Stable after 1M at RT, 45°C, 55°C and 4°C
Challenge test	A criteria (European Pharmacopea)

Raw materials from SEPPIC

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.

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.

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, etc. Ecocert, Cosmos and Natrue approved.

LANOL 2681

Coco-Caprylate / Caprate

Emollient agent which is easy-to-emulsify. LANOL 1688 gives a soft and light touch to the formula, and contributes to spread the cream-gel easily.

EMOGREEN™ L15

C15-19 Alkane (natural and renewable)

EMOGREEN™ L15 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to volatile silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue.

Beyond the lightweight and non-greasy skin feel, it gives a powdery finish. Inert and stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...).

AMINAT™ CB

Benzyl Alcohol and Glycerin and Ethyl Lauroyl Arginate HCl and Cinnamic Acid

A Cosmos and broad spectrum preservative very easy to use and from natural origin. Excellent tolerance and biodegradable.

Other raw materials

Aqua and Tilia Tomentosa Bud Extract and Citric Acid: LIME TREE BLOSSOM BIO DISTILLATE (BOTANICA)

Behenyl Behenate: DUB BB (DUBOIS)

Helianthus Annuus Seed Oil: HUILE DE TOURNESOL BIO (ID BIO)

Mangifera Indica (Mango) Seed Butter: PLANTEC MANGO BUTTER (INTERACTIFS)

Titanium Dioxide (C.I. 77891): SUNPURO TITANIUM DIOXIDE ECO C47-5001 (MAPRECOS)

Iron Oxides: C.I. 77492 = SUNPURO YELLOW IRON OXIDE ECO C33-9001 + C.I. 77491 = SUNPURO RED IRON OXIDE ECO C33-8001 + C.I. 77499 = SUNPURO BLACK IRON OXIDE ECO C33-7001 (MAPRECOS)