

Green Night Defense Anti-Wrinkle Cream



**O/W
Emulsion**



MONTANOV™ L is a natural emulsifier that provides Liquid Crystal system ideal to fight against drying skin and stabilizes emulsions. With **AQUAXYL™**, this serum provides immediate and long term moisturization.

SOLAGUM™ Tara is a green polymer that easily swelled and hydrated in water and yielded to a uniform texture with nice skin feel and no whitening or soaping effect.

ANTILEUKINE 6™ is a global anti-aging and defense shield that reduces the release of inflammation mediators. In-Vivo studies:

Benefits on volunteers:

- Wrinkle depth: -9% after 2 months
- Immediate soothing effect after 24h

Mode of Action:

- Collagen: +30%
- GAG: +30%



US20102-1808

Formula

A	Water Glycerin Sodium Hydroxide solution 50%(w/w)	69.9% 3.0% 0.5%
B	MONTANOV™ L EMOGREEN™ L19 DUB 810 C* DUB MCT 5545* Beeswax	1.0% 5.0% 5.0% 5.0% 5.0%
C	SOLAGUM™ TARA ANTILEUKINE 6™	1.1% 2.0%
D	AQUAXYL™ SEPICIDE™ LD	1.5% 0.9%
E	Citric acid solution 30% (w/w) PH to 6	qs
F	Fragrance	0.1%

Procedure

300 gram batch - Homogenizer & Overhead mixer

Combine phase A and heat to 80°C. Combine phase B and heat to 80°C. When phase B is completely melted, add phase C one by one and mix well. Once both phases A and BC are at 80°C, combine them together and homogenize at 4,000 RPM for 4 minutes. Cool down the batch with low shear mixing to 50°C and then add phase D one by one. At 40°C adjust PH with phase E and then add phase F. Continue to cool to ambient temperature.

Characteristics

Appearance	White Smooth Cream
pH	6.5
Viscosity 1M at RT	245,000 cps Brookfield LV 64 @ 1.5 rpm
Viscosity 1M at 45°C	57,190 cps Brookfield LV 64 @ 1.5 rpm
Viscosity recovery at RT (after 1M at 45°C)	240,000 cps Brookfield LV 64 @ 1.5rpm
Stability*	Passed Freeze/Thaw 3 Cycle -5/40°C and 1 month at 45°C and RT

Raw materials from SEPPIC

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.

Solagum™ TARA
Caesalpinia Spinosa Gum

A powerful thickening natural gum from Caesalpinia spinosa endosperm seeds. Synergistic efficiency with synthetic and natural polymers. Ecocert, Cosmos and Natrue approved..

Emogreen™ L19
C15-19 Alkane (Renewable)

Emogreen™ L19 is a high purity, light feeling emollient made from natural ingredients. It gives a silicone-like skin feel.

Aquaxyl™
Xylitylglucoside & Anhydroxylitol & Xylitol

New "AQUACONCEPT" technology : thanks to a harmonization of the skin's hydrous flow, AQUAXYL™ moisturizes and restructures the skin; Water reserves are instantly boosted and water loss is reduced (in vitro and in vivo proven efficacy) for a more supple and resilient skin!

Antileukine-6™
Caprylic/capric Triglycerides & Laminaria Ochroleuca Extract

Global Anti-aging and Defense shield from golden seaweed that helps reduce deep wrinkles and improves firmness to the skin. (in vitro & in vivo studies)

Sepicide LD
Phenoxyethanol
ECC positive list preservatives; Phenoxyethanol is allowed up to 1% as preservative. Activity is maintained between PH 4 and 9.

Other raw materials...

*Caprylic/capric triglycerides: DUB MCT 5545 (S. DUBOIS) *

*Coco-Caprylate/Caprates: DUB 810C (S. DUBOIS)

Beeswax (Strahl & Pitsch Inc.)

Glycerin (Natural Sourcing)

Fragrance Powder Petal SZ53465 (SOZIO)

*Distributed by Seppic Inc. in the USA