

Green Daily Defense Anti-Wrinkle Serum



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%



US20101-1808

Formula

A	Water Glycerin	75.4% 3.0%
B	Montanov™ L Emogreen™ L19 DUB 810 C* DUB MCT 5545*	1.0% 5.0% 5.0% 5.0%
C	Solagum™ TARA Antileukine 6™	1.1% 2.0%
D	Aquaxyl™ Sepicide™ LD	1.5% 0.9%
E	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 add phase D one by one then add phase E at 35°C. Continue to cool to ambient temperature.

Characteristics

Appearance	White Smooth Serum
pH	6.03
Viscosity 1M at RT	23,980 cps Brookfield LV 64 @ 12 rpm
Viscosity 1M at 45°C	9,990 cps Brookfield LV 64 @ 12 rpm
Viscosity recovery at RT (after 1M at 45°C)	29,540 cps Brookfield LV 64 @ 12rpm
Stability*	Passed Freeze/Thaw 3 Cycle -5/40°C and 1 month at 45°C

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)*
- Glycerin (Natural Sourcing)
- Fragrance Powder Petal SZ53465 (SOZIO)

*Distributed by Seppic Inc. in the USA