



O/W Emulsion

DUB ESTOLINE® is especially useful for improving the sensory profile and effectiveness of the skin.

Thanks to its chemical nature, EMOGREEN™ is a versatile oil for cosmetic products formulation.



AT83501-1901

Formula

A	D.I.Water	36.80%
	Glycerin	3.00%
	Aquaxyl™	1.50%
B	Montanov™ 202	3.00%
	Montanov™ 82	2.00%
	Emogreen™ L15	8.00%
	Dub 810C MB*	19.00%
	Dub MCT 5545*	19.00%
	Dub Estoline®*	3.00%
	TimeCode™	1.00%
C	Dimethicone, 350 cst	1.00%
	Simulgel™ INS 100	1.50%
D	Cucumber Fragrance	0.20%
	benzyl alcohol, benzoic acid, dehydroacetic acid and tocopherol (Euxyl K903)	1.00%

Procedure

Homogenizer 300 grams

Combine phase A and B separately and heat to 85C. Once phase B is melted, add phase C to B and mix well. Pour phase A to phase BC and homogenize for 4 minutes @ 4,000 rpm. Cool down with sweeper to 40C and add phase D and cool to room temperature. Check pH. Prefer pH between 4.5-6.

Characteristics

Appearance	creamy, white
pH	4.66
Viscosity 1M at RT	692 e3 Brookfield LV 64 @ 0.6 rpm
Viscosity 1M at 45°C	47890 Brookfield LV 64 @ 6 rpm
Viscosity recovery at RT (after 1M at 45°C)	903 e3 Brookfield LV 64 @ 0.6 rpm
Stability*	Passed Freeze thaw 3 cycle -5/40C and 3 month at 45 C and RT.

Raw materials from SEPPIC

MONTANOV™ 202

Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside
Glucolipid emulsifier derived from vegetable origin. Promoter of liquid crystals, it plays a role in maintaining skin moisturization over time.

MONTANOV™ 82

Cetearyl Alcohol and Coco-Glucoside
Glucolipid emulsifier derived from vegetable origin. It is especially suited for formulation with a high concentration of active ingredients.

EMGREEN L15

C12-15 Alkane

Unique high purity and biodegradable alkane. Vegetable origin, non GMO. Inert and non polar oils. Alternative to silicone oils. A unique first refreshing and gliding sensation with a soft afterfeel.

TIMECODE™

Palmitoyl/glycine

To win time against wrinkles, TIMECODE explores the new causes of ageing: 1. It decreases chronic inflammation which destabilizes cellular exchange. 2. The dermal extra cellular matrix is strengthened. 3. Micro-vascularization is improved to obtain a younger and fresher complexion.

SIMULGEL™ INS-100

Hydroxyethyl Acrylate/ Sodium Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 60
Pre-neutralized liquide inverse latex polymer, ready for use. Thickening agent which stabilizes all types of oily phases.

AQUAXYL™

Xylitylglucoside Anhydroxylitol Xylitol

Aquaxyl moisturizes and strengthens the hair: maintains moisture deep in the hair, protects the integrity of hair fibers. Moreover, it improves the foam quality and reduces irritation.

Other raw materials...

Coco caprylate, caprate: **DUB 810C MB*** (Stearinerie Dubois)
Caprylic, capric triglyceride: **DUB MCT5455*** (Stearinerie Dubois)
Ethylhexyl & polyhydroxystearate **Dub Estoline®*** (Stearinerie Dubois)

Glycerin (From Nature with Love)

Dimethicone 350 cst: **DMF-350 cst** (Shinitzu)

benzyl alcohol, benzoic acid, dehydroacetic acid and tocopherol
Euxyl K903 (Schulke)

Fragrance: **Cucumber PFH610APF**(Givaudan)

*Distributed in the US by SEPPIC Inc.