

US20104

Cream to Oil



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%
	AquaxyI™	1.50%
В	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%
	Dimethicone, 350 cst	1.00%
С	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 рН

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 903 e3 Brookfield LV 64 @ 0.6 rpm

(after 1M at 45°C) Stability*

Passed Freeze thaw 3 cycle -5/40C and 3

month at 45 C and RT.

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* Our stability protocols are available at your request.

Raw materials from SEPPIC

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

Glucoclipid emulsifier derived from vegetable origin. It is especially suited for formulation with a high concentration of active ingredients

EMGREEN L15

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.

TIMECODETM

Palmitovl/alvcine

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.

Xylitylglucoside Anhydroxylitol Xylitol

Aquayxl 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 (Shinitsu)

benzyl alcohol, benzoic acid, dehydroacetic acid and tocopherol

Euxyl K903 (Schulke)

Fragrance: Cucumber PFH610APF(Givaudan)

*Distributed in the US by SEPPIC Inc.

