


O/W Emulsion


Natural emulsifier **MONTANOV™ 202** promotes liquid crystals, which bring emulsion stability, strengthen the lipid barrier, and provide water reserves for immediate and long lasting moisturization. The combination with **SOLAGUM™ AX**, Phytowax Olive 12L44 and **Lanol P** yields a very rich, buttery cream with a unique, gelato-like texture.

Emogreen™ L19 brings a fresh and unique gliding sensation with a soft afterfeel.

Aquaxyl™ association of natural sugars, moisturizes the skin while **KALPARIANE™**, a seaweed extract, boost firmness and energy. The skin is visibly smoother and revitalized.


US20103-1808

Formula

A	Water	49.8%
	FD&C Green # No.3, 0.1% solution	0.4%
	FD&C Yellow # No.5, 0.1% solution	0.8%
B	Montanov™ 202	3.0%
	DUB 810-C*	13.0%
	Emogreen™ L19	6.0%
	DUB ZENOAT®*	6.0%
	PHYTOWAX® OLIVE 12L44*	6.0%
	Lanol P	6.0%
C	Solagum™ AX	2.0%
	Aquaxyl™	1.5%
	Glycerin	3.0%
D	Phenylpropanol & Propanediol & Caprylyl Glycol & Tocopherol	1.0%
	Fragrance	0.5%

Procedure

300 gram batch - Homogenizer & Overhead mixer

Combine phase A and phase B separately and heat to 85°C. Once both phases A and B are at 85°C, combine them together and homogenize 4 minutes at 4,000 RPM. Cool down the batch while mixing at 100 rpm with anchor propeller. At 60°C add premixed of phase C. Add phase D at 40°C and continue mixing gently to ambient temperature.

Characteristics

Appearance	Green smooth buttery Cream
pH	5.45
Viscosity 1M at RT	345,000 cps Brookfield LV, Spindle 96 @ 1.5 rpm
Viscosity 1M at 45°C	110,000 cps Brookfield LV, Spindle 96 @ 1.5 rpm
Viscosity recovery at RT (after 1M at 45°C)	349,000 cps Brookfield LV, Spindle 96 @ 1.5 rpm
Stability*	Passed Freeze/Thaw 3 Cycle -5/40°C and 3 months at 45°C

Raw materials from SEPPIC

MONTANOV™ 202

Arachidyl Alcohol & Behenyl Alcohol & Arachidyl Glucoside

Natural glucolipid emulsifier derived from vegetable origin that provide Liquid Crystal system. It plays a role in maintaining skin moisturization over time and stabilization of emulsions. Thanks to liquid crystals which contain water, MONTANOV™ 202 helps to keep skin moisturized. Ecocert and Natrue approved.

SOLAGUM™ AX

Acacia Senegal Gum & Xanthan Gum

Rheology Modifier-The benefits of the xanthan without the drawbacks, nice film forming properties. Make translucent gels with suspendable properties

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™

Xylitylglycoside & Anhydroxylytol & 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!

LANOL P

Glycol Palmitate

Texturing agent which improves the consistency of the formula and brings soft skin feel, without any soaping effect.

KALPARIANE™

Caprylic/Capric Triglyceride/Algae Extract

Oily active from the Alaria esculenta brown algae which stimulates hyaluronic acid (+24%), collagen and reinforces the skin barrier. Skin is firmer and moisturized for respectively 90% and 70% of the volunteers.

Benefits on volunteers:

- Improves firmness: +90%
- Improves Hydration level after 28 days

Mode of Action:

- Collagen III: +24%
- Hyaluronic acid: +24%
- GAG: +28%

Other raw materials...

*Propanediol Dicaprylate: **DUB ZENOAT®** (S. DUBOIS)

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

Hydrogenated Olive Oil Lauryl Esters: **PHYTOWAX® OLIVE 12L44*** (Sophim)

Phenylpropanol & Propanediol & Caprylyl Glycol & Tocopherol: **Sensiva PA 40** (Schulke)

Glycerin (Natural Sourcing)

Fragrance Melon GBH437AME (Givaudan)

FD&C Green # No.3 & Yellow No.5 (SENSIENT)

***Distributed by Seppic Inc. in the USA**