



**Multiple
Texture**



Emogreen™ L15 is a biodegradable, renewable alkane that provides a unique and refreshing liquid sensation with a soft after skin feel.



US20089-1710

Formula

A	Glycerin	70.30%
	MONTANOV™ 82	1.00%
	EMOGREEN™ L15	4.00%
	FLUIDANOV™ 20X	1.00%
	SEPIMAX™ ZEN	1.50%
	Glycolic Acid	1.00%
	Lactic Acid	0.50%
	Sodium Hydroxide	0.50%
	Organic Deodorized Coconut Oil	1.00%
	SEPICALM™ VG WP	2.00%
	CODIAVELANE™ BG PF	2.00%
	Fragrance	0.30%
	SEL GRAIN™	7.00%
	GULF STREAM SEA WATER™	2.00%
	FLAKES OF CHONDRUS CRISPUS	6.00%

Procedure

300g batch size

Heat phase A and B separately to 85C. Add phase C to hot phase B. AT 85C, combine phase A with BC and mix under ROSS for 4 minutes at 1,050 rpm while maintaining at 85C. Cool down with ROSS at 500 rpm to 50C, add phase D and then E. At 40C add one by one the ingredients in phase F using ROSS at 500 rpm. At ambient temperature, add phase G.

Characteristics

Appearance	Translucent gel with brown algae flakes
pH	3.19
Viscosity 1M at RT	56 x10 ⁵ cps Brookfield RV spindle 96 @ 0.5 rpm
Viscosity 1M at 45°C	4x10 ⁴ cps Brookfield RV spindle 96 @ 0.5 rpm
Viscosity recovery at RT (after 1M at 45°C)	1.12x10 ⁵ cps Brookfield RV spindle 96 @ 0.5 rpm
Stability*	Passed 3 month at RT, 45C and 3 F/T cycles

Raw materials from SEPPIC

MONTANOV™ 82

Cetearyl Alcohol and Coco-Glucoside

Glucolipid emulsifier derived from vegetable origin. It is especially well-suited for formulations with a high concentration of active ingredients.

EMOGREEN™ L15

C15-19 Alkane (renewable)

It is a non polar and biodegradable, bio-sourced emollient. Its the alternative to volatile silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue.

FLUIDANOV™ 20X

Octyldodecanol and Octyldodecyl Xyloside

Its a smart emollient: texturizing effect in cream gels, it will also contribute to stabilize without emulsions and improve skin feeling.

SEPIMAX™ ZEN

Polyacrylate Crosspolymer-6

Powder polymer with a maximum resistance to electrolytes thanks to its high associative behavior. Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling.

SEPICALM™ VG WP

Sodium Palmitoylproline and Nymphaea Alba Flower Extract

A union between palmitoylproline and water lily flower extract reaching a unique lightening and soothing effect.

CODIAVELANE™ BG PF

Propylene Glycol and Aqua and Codium Tomentosum Extract

Codiavelane BG PF is a water soluble, preservative free green algae extract known as the "Velvet Seaweed". It provides immediate and long lasting moisturization keeping the skin hydrated and supple.

SEL GRAIN™

Sea Salt

Sel Grain is Sea Salt, used in massage applications on the body and to help reduce stress, exfoliate and revitalize the skin while also increasing metabolism and circulation on the scalp.

GULF STREAM SEA WATER™

Sea Salt

Powder from active bringing a sea water concentrate, thanks to its richness in minerals and oligoelements.

FLAKES OF CHONDRUS CRISPUS

Chondrus Crispus Powder

Its a skin conditioning agent and is useful in the control of viscosity in an overall product. Due to it being a seaweed extract it is packed full of vitamins and minerals which are vital to the maintenance of healthy skin..Its most interesting property is its ability to protect against UV rays. Making is especially useful in the development of sunscreen.

Other raw materials...

Glycolic acid 70 HP Gly Acid (Crosschem)

Lactic acid (Alfa Aesar)

Sodium Hydroxide NaoH (Alfa Aesar)

Organic Deodorized Coconut Oil: Cocos Nucifera (Coconut) Oil (Sophim)

Fragrance Lotus Blossom (Givaudan)