



Aspect: White cream-gel
 Packaging: Tube
 Application: Face care / Eyes contour (pH 7)

This light and fresh serum is cream-gel obtained thanks to **SIMULGEL™ NS** that thickens and stabilizes the formula.

EMOGREEN™ L15, biodegradable non polar oil from vegetable origin, contributes to the light, evanescent, powdery skin feel. It brings a matt effect on the skin.

The formula is concentrated in plant-based actives: a duo of halophytes cells, **CELTOSOME™**, combined with **JUVENESSENCE™**, a brown algae extract that re-boost the cell metabolism. They provide anti-aging properties to this serum by improving skin firmness and elasticity.



EU07435 - 1701

Formula		
A	SIMULGEL™ NS	2.35%
B	Aqua/Water	Qsp 100%
C	EMOGREEN™ L15 CELTOSOME™ Crithmum Maritimum CELTOSOME™ Eryngium Maritimum JUVENESSENCE™	5.00% 0.10% 0.05% 1.00%
D	Phenoxyethanol and Ethylhexylglycerin Fragrance/ Parfum Triethanolamine 6%	1.00% 0.20% 0.14%

Procedure
Laboratory - 2kg

Make the aqueous gel by adding phase B to phase A and apply agitation with a defloculator at 1 500 rpm during 10 minutes. Add phase C containing the actives, then phase D.

Characteristics	
Appearance	White to beige cream-gel, shiny, fluid
pH	6.4
Viscosity 1M at RT	30 200 mPa.s Brookfield M4V6
Viscosity 1M at 45°C	28 500 mPa.s Brookfield M4V6
Viscosity recovery at RT (after 1M at 45°C)	32 420 mPa.s Brookfield M4V6
Stability*	M1 at RT and 45°C

Raw materials from SEPPIC

SIMULGEL™ NS **Hydroxyethylacrylate/Sodium AcryloyldimethylTaurate Copolymer & Squalane & Polysorbate 60**

Thickening and emulsifying agent, Simulgel™ NS is very easy to use in liquid form (neither pre-dispersion nor neutralization). It provides a sensation of freshness followed by a melting effect on the skin.

EMOGREEN™ L15 **C15-19 Alkane (renewable)**

Non polar and biodegradable, bio-sourced emollient. It's THE alternative to volatile silicone oils. Beyond the lightweight and non-greasy skin feel, it gives a powdery finish. Inert and stable, it can be used in all types of applications, even in extreme conditions (ph, oxidizing/reducing media...).

CELTOSOME™ Crithmum Maritimum **Crithmum Maritimum Extract**

Pure Sea Fennel stem cells which acts on the prevention of skin aging & cutaneous pigmentation (in vivo study).

CELTOSOME™ Eryngium Maritimum **Eryngium Maritimum Extract**

Pure marine plant stem cells (hydrodispersible powder form) to act on multiple factors of skin aging. Restructuration and anti-inflammation of the skin (in vivo study)

JUVENESSENCE™ AD **Caprylic/Capric Triglyceride/Algae Extract**

Oily active from a brown alga to enhance skin youth. It acts to downregulate progerin production in aging cells and to preserve the skin tissues from accelerated aging (in vivo study)

Other raw materials...

Schülke & Mayr

- Phenoxyethanol and Ethylhexylglycerin : **EUXYL™ PE9010 (Shulke)**

Other suppliers

- Parfum/Fragrance : **Parfum Orchidée Tropicale (APF)**