

Anti-aging Face Cream



Cream Gel



Simulgel™ INS 100

The sole emulsifier and thickener for this formula. It provides a quick break during application and fresh skin feel.

Emogreen™ L19

A unique first refreshing and gliding sensation with a soft afterfeel which is perfect for this application.

Heterosides™

Multi-targeting skin barrier booster for Mature skin. Reinforcing the barrier function for a smoothing and an anti-wrinkle effect.

Formula		
A	Water	78.66%
A	Glycerin	3.00%
A	AQUAXYL™	1.50%
A	HETEROSIDES™	0.20%
A	Behenyl alcohol (and) benzoic acid (and) dehydroacetic acid (and tocopherol)	1.00%
B	EMOGREEN™ L19	10.00%
B	Hemp Seed Oil	2.00%
C	SIMULGEL™ INS-100	3.50%
D	NaOH, 25% solution	0.14%

Procedure

300 gram batch size

Combine phase A and mix well to dissolve Euxyl K903.
Combine phase B. Disperse phase C into B and mix well.
Combine phase BC to A under saw teeth dispersing blade and mix until smooth cream is formed. Add phase D and mix well.
Check to make sure pH is 5-5.5.

Characteristics

Appearance	white, creamy
pH	4.92
Viscosity 1M at RT	151 e4 cps Brookfield LV 64 @ 0.3 rpm
Viscosity 1M at 45°C	606 e3 cps Brookfield LV 64 @ 0.3 rpm
Viscosity recovery at RT (after 1M at 45°C)	664 e3 cps Brookfield LV 64 @ 0.3 rpm
Stability*	Freeze/Thaw passed 3 cycles -5°C/+40°C Passed 3 month at RT, 45°C



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Raw materials from SEPPIC

AQUAXYL™

Xylitylglucoside and Anhydroxylitol and Xylitol

Aquaxyl™ the power of a patented sweetened combination, optimizes the skin's hydrous flow. Its mechanism of action identified by cosmetogenomics, controls water circulation and reserves. Aquaxyl reinforces the synthesis of essential lipids and proteins involved in the organisation of the corneus layer.

HETEROSIDES™

Centella Asiatica Leaf Extract

Heterosides is an active ingredient targeting the moisture lock, reinforcing the barrier function for a smoothing and an anti-wrinkle effect.

EMOGREEN™ L19

Alkane C15-19

Emogreen is a range of liquid emollients, readily biodegradable, from vegetable origin (non GMO) that offers an alternative to silicone oils. A unique first refreshing and gliding sensation with a soft afterfeel.

SIMULGEL™ INS-100

Hydroxyethyl Acrylate & Sodium Acryloyldimethyl Taurate Copolymer & Isohexadecane & Polysorbate 80

Simulgel™ INS-100 is a liquid polymer produced by inverse emulsion polymerization. This is a solvent-free, energy efficient manufacturing process technology. Versatile and efficient, it is used to develop from sprayable, extra-liquid to very thick formulas. It creates melting textures with a fresh skin feel.

Other raw materials...

Glycerin: (From Nature with Love)

Benzyl alcohol & benzoic acid & dehydroacetic acid & tocopherol: **Euxyl K903 (Schulke)**

Cannabis Sativa (Hemp) Seed oil: **Hemp Seed Oil (Sophim)**

NaOH solution 25%