

## Formulation

# Essence of Biomimetic Hydrogel

CD 2515/20

A weightless hydrogel that mirrors the skin's natural harmony with biomimetic ceramides and hyaluronic acid. It floods the complexion with fresh, silky hydration and prepares the skin to glow from the very first step of the beauty ritual.

Phase	Ingredients	Manufacturer	Dose (% W/W)
A	Water, deionized (Aqua)	various	87,95
	Glycerin 99,5%, Ph. Eur. (Glycerin)	Cremer Oleo	5,0
	<b>Verstatil® BL</b> (Aqua; Sodium Levulinate; Sodium Benzoate)	<b>Evonik</b>	2,5
	Keltrol CG-SFT (Xanthan Gum)	CP Kelco	0,8
	<b>dermosoft® 250 eco</b> (Phenylpropanol)	<b>Evonik</b>	0,25
	Genuvisco Carrageenan CG-131 (Carrageenan)	Tate & Lyle PLC	0,2
B	Water, deionized (Aqua)	various	2,7
	<b>HyaCare®</b> (Sodium Hyaluronate)	<b>Evonik</b>	0,1
C	<b>SKINMIMICS® PRO MB</b> (Ceramide EOP; Ceramide NP; Ceramide NS; Ceramide AP; Cholesterol; Behenic Acid; Polyglyceryl-10 Stearate; Polyglyceryl-6 Behenate; Glycerin; Cetearyl Alcohol; Glyceryl Stearate; Sodium Cetearyl Sulfate; Triethylcitrate; Lactic Acid; Aqua/Water)	<b>Evonik</b>	0.5

## PROCESSING

1. Disperse xanthan gum and carrageenan in glycerin.
2. Add water, Verstatil BL and Dermosoft 250 eco.
3. Homogenize.
4. Disperse Hyacare in water to obtain a clear gel (phase B).
5. Add phase B to phase A and homogenize.
6. Add SKINMIMICS Pro MB by gentle stirring.
7. Adjust pH to 4.7 – 4.9.

## APPEARANCE

Slightly turbid hydrogel

## VISCOSITY

10 - 15 Pas, Anton Paar, RH5, 5 rpm

## PH VALUE

4.7 - 4.9

## STABILITY TEST

Proven

## MICROBIOLOGICAL SAFETY

Challenge test passed

**Disclaimer**

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