



- Aspect: white cream gel
- Packaging: jar
- **SEPIMAX™ ZEN** combining with **SEPINOV™ EMT 10** texture the gel. **CAPIGEL™ 98** makes it more elastic like a sponge. **SEPIMAT™ CP5** gives powdery finish.
- **OLIGOELINE SPE** covers skin with a uniform film.
- **AQUAXYL™**, **OLIGOELINE SPE**, **CODIAVELANE** and **CERAMOSIDES HP** protect skin from the loss of water, provide complete moisture and strengthen the cutaneous barrier by supplying **CERAMIDES**, the intercellular cement.



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Formula

A	Water	Up to 100%
	SEPINOV™ EMT 10	0.50%
	SEPIMAX™ ZEN	0.50%
	Butylene glycol	3.00%
B	EMOSMART™ L 15	4.00%
	SOLAGUM™ TARA	0.50%
C	CAPIGEL™ 98	0.50%
	Water	1.00%
D	SEPIMAT™ CP5	0.50%
	AQUAXYL™	1.50%
	OLIGOELINE SPE	2.00%
	CODIAVELANE	1.00%
	CERAMOSIDES HP	0.20%
	Phenoxyethanol and Ethylhexylglycerin	0.70%
	Caprylyl Glycol and Ethylhexylglycerin	0.30%
	Triethanolamine (50%)	0.16%
Fragrance	0.10%	

Procedure
Lab scale-Cross shape & Anchor stirrer - 300g

Take water to create vortex and sprinkle Sepimax™ Zen over the surface of water and allow it to swell properly, add additional phase A into it and heat to 80°C. Heat phase B to 80°C, add Phase B into phase A and stir it well. Cool down progressively. Dilute CAPIGEL™ 98 into water, add it into phase (A+B) and mix it well. Add ingredients of phase D one by one into it, stir it properly.

Characteristics

Appearance	white cream gel
pH	6.38
Viscosity 1M at RT	83,400 mPa.s BROOKFIELD LV4 6rpm
Viscosity 1M at 45° C	67,400 mPa.s BROOKFIELD LV4 6rpm
Viscosity recovery at RT (after 1M at 45° C)	86.300 mPa.s BROOKFIELD LV4 6rpm
Stability*	1M stable at RT / 45° C/-18°C Stable after 1M of freeze/thaw cycles -5 / +40° C

Raw materials from SEPPIC

SEPINOV™ EMT 10

Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer
Powder polymer «2-in-1», thickening in a wide pH range (3-12), ready to use, with an excellent stabilizing properties at low level and in presence of a high % of oily phase.
Sensory profile: "satin" touch, fresh, glide-on

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: rich, velvety and elegant. It is now possible to formulate transparent aqueous gels, cream-gels and emulsions with any kind of active ingredients and to achieve ZEN.

SOLAGUM™ TARA
Caesalpinia Spinosa Gum

A powerful thickening natural gum from Caesalpinia spinosa endosperm seeds. Synergistic efficiency with synthetic and natural polymers. Ecocert, Cosmos and Natrue approved.

CAPIGEL™ 98
Acrylates Copolymer

Ready-to-use thickening liquid polymer that creates high viscosity in aqueous media following neutralization (pH> 6.5). It also produces perfectly clear gels with a good resistance to electrolytes and polar solvents.

SEPIMAT™ CP 5
Methyl Methacrylate Crosspolymer

SEPIMAT™ CP5 is a versatile texturizing agent, consisting of solid spheres with a smooth surface. These ultra-soft microspheres do not dry out the skin and are perfect for all types of formulations. In formulation, it imparts a soft and powdery feel onto the skin with a matte finish. At higher percentages of SEPIMAT™ CP5 result in a more pronounced powdery feel.

AQUAXYL™
Xylitylglucoside and Anhydroxylitol and Xylitol

AQUAXYL™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted, water circulation is improved in all skin layers and water loss is reduced (in vitro and in vivo tests prove this efficacy). Its mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

CODIAVELANE
Butylene glycol/aqua-water/codium tomentosum

Water soluble active extracted from "velvety alga" to facilitate high hydration by its richness in marine sugars.

OLIGOELINE SPE
Chondrus crispus extract

Filmogen active extracted from red alga to protect and hydrate the skin and the hair. Sensorial active "Silicone Plant" with guaranteed effect up to 2% (in vivo study)

CERAMOSIDES HP
Triticum Vulgare (Wheat) Seed Extract

Aspect: Thin beige powder without any preservative nor anti-oxidant Solubility: Liposoluble and waterdispersible even at low temperature.

Other raw materials...

- Phenoxyethanol & Ethylhexylglycerin: Euxyl PE9010 (S&M)
- Caprylyl Glycol Ethylhexylglycerin: Sensiva SC10 (S&M)
- Fragrance: 261664 (Drom)