



- White cream gel
- Packaging: jar
- A cream gel which provides very natural whiteness and comfortable skin feel.
- Combination of SEPIMAX™ ZEN and SIMULGEL™ EG provides good texture and cushion feeling.
- EMOSMART™ L19 and EMOSMART™ V21 give smooth and silky feeling.



PW173408 - 0817

Formula

A	Water Carbomer Sodium Hyaluronate Glycerin Butylene Glycol	Up to 100% 0.20% 0.05% 3.00% 4.00%
B	SEPIMAX™ ZEN Water	0.30% 20.00%
C	EMOSMART™ L19 EMOSMART™ V21 LANOL™ P SIMULGEL™ EG Titanium Dioxide (And) Stearoyl Glutamic Acid	4.00% 2.00% 1.00% 2.50% 3.00%
D	TEA (50%) Phenoxyethanol (and) Ethylhexylglycerin	0.30% 0.80%

Procedure
Lab -Silverson (300g)

Mix Phase A and Phase B uniformly, and add Phase B into Phase A, mix it uniformly. Mix phase C, then heat phase A+B and Phase C respectively to 70 °C. Then add phase C into Phase A + B, homogenize it for 4 minutes at 4000 rpm by Silverson. Cool by air under 200 rpm anchor agitation, then use water bath to cool to 45 °C. Add phase D, stir it for 15 minutes.

Characteristics

Appearance	White cream
pH	6.5
Viscosity 1M at RT	65000 mPa.s (Brookfield DV1 S64V6)
Viscosity 1M at 45°C	mPa.s (Brookfield DV1 S64V6)
Viscosity recovery at RT (after 1M at 45°C)	mPa.s (Brookfield DV1 S64V6)
Stability*	M1 Stable at RT, 45°C and 4°C Stable after M1 of freeze/thaw cycles -5 / +40°C

Raw materials from SEPPIC

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, included foaming formulas: 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.

EMOSMART™ L19
C15-19 Alkane (renewable)

EMOGREEN™ L19 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue. It gives a fresh and gliding touch, with a soft afterfeel. Inert and stable, it can be used in all types of applications, even in extreme conditions (ph, oxidizing/reducing media...).

EMOSMART™ V21
C18-21 Alkane

EMOSMART™ V21 is a high-purity, non polar and biodegradable emollient. It shows an excellent compatibility with all types of oils. It allows to obtain fresh textures with a soft finish and matt veil. Inert and stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...).

LANOL™ P
Glycol Palmitate

Texturing agent which improves the consistency of the formula and brings soft skin feel, without any soaping effect.

SIMULGEL™ EG
Sodium Acrylate / Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 80

Thickening and emulsifying agent in the form of liquid, this polymer is ready and easy for use (neither predispersion nor neutralization). Simulgel™EG perfectly stabilizes emulsions at high temperatures, and allows you to obtain rich, silky and easy-to-apply formulas.

Other raw materials...

Sodium Hyaluronate: HA(Furuida)

Carbomer: Carbopol 980 (Lubrizol)

Titanium Dioxide (And) Stearoyl Glutamic Acid:

BTD-ASG2(KOBO)

Phenoxy & ethylhexylglycerin: Euxyl PE9010(S&M)