



**GelTrap™** Technology along with **Easynov™** and **SEPINOV™ EMT 10** allows the creation of Water-in-Oil emulsion by a cold process with low oil phase level while providing very unique skin feel.

**EMOSMART™ V21** provides emollience and suppleness to the skin.



US20096-1804

## Formula

A	Water	86.7%
	Glycerin	5.0%
	<b>Sepinov™ EMT 10</b>	0.7%
	Phenoxyethanol and Ethylhexylglycerin	1.0%
B	<b>EASYNOV™</b>	1.5%
	<b>Emosmart™ V21</b>	5.0%
	Fragrance	0.1%

## Procedure

### 300 gram batch - Overhead mixer (Geltrap™ Technology)

Combine phase A and mix well until obtaining a homogeneous and uniform gel. Combine phase B separately to get a uniform liquid oil then add phase B on the top of phase A once, without mixing. Begin mixing with low shear at 100 RPM by using an anchor propeller for 5 minutes, and then increase speed to 300 rpm and mix for 15 minutes.

## Characteristics

Appearance	White Smooth Cream
pH	N/A
Viscosity 1M at RT	74,100 cps Brookfield LV 96 @ 6 rpm
Viscosity 1M at 45°C	35,890 cps Brookfield LV 96 @ 6 rpm
Viscosity recovery at RT (after 1M at 45°C)	69,500 cps Brookfield LV 96 @ 6 rpm
Stability*	Passed Freeze/Thaw 3 Cycle -5/40°C and 3 month at 45°C and RT

## Raw materials from SEPPIC

### Easynov

*Octyldodecanol and Octyldodecyl Xyloside and PEG-30 Dipolyhydroxystearate*

Liquid lipophilic emulsifier. EASYNOV™ realizes emulsions with an internal gelled aqueous phase extra-rich in water by a cold process with gentle stirring: the GELTRAP™ emulsions. This novel formulation form offers surprising textures, marrying freshness and cushion effect.

### 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...).

### 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.

## Other raw materials...

Phenoxyethanol and Ethylhexylglycerin: Euxyl PE 9010 (Schülke Inc.)  
Glycerin (Natural Sourcing)  
Fragrance Red Velvet (Givaudan)