



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%
	Sepinov™ EMT 10	0.7%
	Phenoxyethanol and Ethylhexylglycerin	1.0%
B	EASYNOV™	1.5%
	Emosmart™ V21	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)