

EU07380

# O/W Emulsion

- Aspect: white cream
- Packaging: jar
- Moisturizing care with matte and powdered finish
- SEPINOV<sup>TM</sup> EMT10 combined with a low ratio of SOLAGUM<sup>™</sup> TARA boots the viscosity and removes the quick break effect of the cream
- SENSANOV<sup>TM</sup>WR stabilizes the emulsion and brings the feeling of a smooth and glide-on veil with a matte effect
- A light texture ideal for men

and that it complies with any regulatory status.



EU07380 - 1601

	Formula		
	A	Aqua TEA 99% Glycerin	QSP 100 QS pH 2.00%
	В	Caprylic/CapricTryglyceride SENSANOV™WR Prunus Amygdalus Dulcis (Sweet Almond) Oil Dimethicone	10.0% <b>2.00%</b> 3.00%
	С	SEPINOV <sup>™</sup> EMT 10 SOLAGUM <sup>™</sup> TARA	0.80% 0.25%
	D	Cyclopentasiloxane	2.00%
	Е	Phenoxyethanol & Ethylhexylglycerin	1.00%

MEN HYDRATATION BODYCARE

## **Procedure** Lab trial 300g

Prepare the oily phase in the main becker and warm it up to 75°C using a hot water bath. Add the polymers (phase C) when phase B is perfectly melt then add the aqueous phase A onto B+C. Emulsify 4 min at 4000 rpm using a rotor stator. Start the Cooling phase with the anchor at 100 rpm during 10 min. Then Add cold water bath to faster the cooling after 50°C. let it during 10 min at 100 rpm (anchor). Add Euxyl PE 9010 under the anchor.

# **Characteristics**

Appearance pН Viscosity 1M at RT Viscosity 1M at 45° C Viscosity recovery at RT (after 1M at 45° C)

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White cream 53 119 500 mPa.s Brookfield S7S5 59 000 mPa.s Brookfield S4S6 99 000 - 120 000 mPa.s Brookfield S7S5 Raw materials from SEPPIC

## SENSANOV™ WR

## C20-22 Alkyl Phosphate and C20-22 Alcohols

Versatile phosphate anionic emulsifier effective at low dosage (1 to 3%). Provides a feeling of lightness followed by the sensation of a matt velvety veil which slowly envelops the skin. Finally SENSANOV™ WR emulsions leaves the skin supple with a long lasting sensation of comfort. This protective film sensation is reflected in vivo by a water-resistant effect for the development of sun care formulations. SENSANOV™ WR reduces oiliness of extra rich emulsion. Ideal for makeup products, SENSANOV™ WR is able to emulsify a high percentage of fillers keeping a perfectly smooth texture.

## SEPINOV<sup>™</sup> 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

#### 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.

## Other raw materials...

- Caprylic/Capric Triglycéride: Triglycérides 5545 (STEARINERIE DUBOIS)
- Prunus Amygdalus Dulcis (Sweet Almond) Oil : Huile vierge d'amande douce (BERTIIN)
- Dimethicone: DC200/350 (DOW CORNING)
- Cyclopentasiloxane: DC 245 (DOW CORNING)
- Phenoxyethanol & Ethylhexylglycerin: Euxyl PE 9010 (SCHÜLKE & MAYR)



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\* Our stability protocols are available at your request.