



· White and sprayable emulsion

· Packaging: spray

· Sensanov™ WR can be used in capillary applications due to its high compatibility with cationics.

· Simulgel™ INS100 enables the stabilization of sprayable formulas.



### Formula

<b>A</b>	Aqua/Water	Up to 100 %
	Triethanolamine 50%	0,28 %
	Phenoxyethanol & Ethylhexylglycerin	1,00 %
<b>B</b>	<b>SENSANOV™ WR</b>	1,00 %
<b>C</b>	Cetrimonium Chloride	4,00 %
	Dimethicone	0,15 %
	<b>SIMULGEL™ INS 100</b>	2,00 %
<b>D</b>	Parfum/Fragrance	0,20 %

### Procedure

#### (Pilot – Trimix - 5kg)

Combine phase A ingredients together and heat to 80° C. Mix well and add Sensanov™ WR. When Sensanov™ WR is melted add phase C ingredients to the main batch while stirring. Commence cooling down. At 20° C, add the fragrance.

### Characteristics

Appearance	White liquid
pH at M1 RT	4.18
Viscosity at M1 RT	1,100 mPa.s BROOKFIELD LV2 sp. 6
Viscosity after 1 month at 45° C	1,070 mPa.s BROOKFIELD LV2 sp. 6
Viscosity recovery at RT	1,300 mPa.s BROOKFIELD LV2 sp. 6
(after 1 month at 45° C)	> M1 at RT and 45° C
Stability	> M1 after freeze/thaw cycles -5 / +40° C
	Stable after 20' centrifugation
	at 3000 rpm at RT

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#### SENSANOV™ WR

##### *C20-22 Alkyl Phosphate and C20-C22 Alcohols*

This product is a phosphate anionic emulsifier which is versatile and effective at low dosage (1 to 3%). It provides a feeling of lightness followed by the sensation of a matt velvety veil which slowly envelops the skin. Sensanov™ emulsions make the skin supple with a long lasting impression of comfort.

#### SIMULGEL™ INS 100

##### *Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 60*

This compound is in the form of liquid, and is ready-for-use. It is a thickening agent which stabilizes all types of oily phases. It can be used in a wide range of pH (3 to 11), and for the development of all types of consistencies: sprays, ultra-fluid to thick ones. It gives to the formulas a fresh and melting texture.

#### Other raw materials...

- Cetrimonium Chloride: **GENAMIN CTAC (CLARIANT)**
- Dimethicone: **Dow Corning 200/350 Fluid (DOW CORNING)**
- Parfum: **VALLEE VERTE ref RS12267 (TECHNICO FLOR)**
- Phenoxyethanol & Ethylhexylglycerin: **EUXYL PE9010 (SCHULKE & MAYR)**