

EU06953

# **CONDITIONING HAIR SPRAY**

# Raw materials from SEPPIC

O/W Emulsion



- · 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.

EU06953 - 0801

## **Formula**

Α	Aqua/Water	Up to 100 %
	Triethanolamine 50%	0,28 %
	Phenoxyethanol & Ethylhexylglycerin	1,00 %
В	SENSANOV™ WR	1,00 %
C	Cetrimonium Chloride	4,00 %
	Dimethicone	0,15 %
	SIMULGEL™ INS 100	2,00 %
D	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 pH at M1 RT Viscosity at M1 RT Viscosity after 1 month at 45° C Viscosity recovery at RT (after 1 month at 45° C) Stability White liquid
4.18
1,100 mPa.s BROOKFIELD LV2 sp. 6
1,070 mPa.s BROOKFIELD LV2 sp. 6
1,300 mPa.s BROOKFIELD LV2 sp. 6
> M1 at RT and 45° C

> M1 after freeze/thaw cycles -5 / +40° C Stable after 20' centrifugation

at 3000 rpm at RT

### 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 Acryloydimethyl 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)

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