



- **ivory compact cream**
- **Packaging: pot**
- **Appealing texture**
- **Demonstration of the possibility to formulate thick creams thanks to Sensanov™ WR used as an emulsifier**
- **Consistency - without soaping effect - is obtained thanks to the combination of Montanov™ 14 and Lanol™ P**



EU07005AS - 1210

**Formula**

<b>A</b>	<b>SENSANOV™ WR</b>	1,00 %
	<b>MONTANOV™ 14</b>	4,00 %
	Dimethicone	10,00 %
	Diisopropyl Sebacate	10,00 %
	<b>LANOL™ P</b>	4,00 %
<b>B</b>	<b>SEPIMAT™ CP 5</b>	1,00 %
	Tromethamine	0,15 %
	Aqua/Water	Up to 100 %
<b>C</b>	<b>SEPIPLUS™ 400</b>	1,00 %
<b>D</b>	<b>AQUAXYL™</b>	3,00 %
	Phenoxyethanol & Ethylhexylglycerin	0,20 %
	Colorants/ Colours	Qs
	Parfum/ Fragrance	0,20 %

**Procedure**

**(Pilot – Trimix rotor stator – 5kg)**

Heat separately phase A and B at 85° C. Add phase A into phase B, then start homogenization for 2' at 3000rpm. Add the polymer and keep homogenization for 8'. Make it cool under moderate stirring. At 40° C add ingredients to phase D and restart homogenization for 10' at 3000rpm. Stop mixing and fill the jars.

**Characteristics**

Appearance	ivory cream
pH at RT	Around 6.8
Viscosity at M1 RT	140 000 mPa.s BROOKFIELD RV 7 sp. 5
Viscosity after 1 month at 45° C	123 000 mPa.s BROOKFIELD RV 7 sp. 5
Viscosity recovery at RT	151 000 mPa.s BROOKFIELD RV 7 sp. 5
Stability	Stable at RT & 45° C Stable after 1 month freeze-thaw cycles -5/+40° C Stable when centrifuged for 20' at 3000rpm

*Raw materials from SEPPIC*

**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.

**MONTANOV™ 14**

**Myristyl Alcohol and Myristyl Glucoside**

Glucolipid co-emulsifier in harmony with nature. In association with other range of Montanov™, or with Simulsol™ 165, Montanov™ 14 acts like a texturing agent which combines consistency and lightness texture within emulsions.

**LANOL™ P**

**Glycol Palmitate**

Texturing agent which improves consistency and stability of the formula, without any soaping effect.

**SEPIPLUS™ 400**

**Polyacrylate 13 and Polyisobutene and Polysorbate 20**

New generation of Hydro Swelling Droplets polymers, Sepiplus™ 400 is designed to be more resistant to electrolytes. It is compatible with a wide range of actives at pH 3 to 11. It allows a good pick-up and can be rubbed on easily.

**SEPIMAT™ CP 5**

**Methyl Methacrylate Crosspolymer**

Consisting of smooth, ultra-soft microspheres that do not dry out the skin, Sepimat™ CP 5 gives emulsions and gel-creams a slightly powdery feel. The greater the percentage of Sepimat™ CP 5, the more pronounced the powdery feel is. Due to its excellent hydrodispersibility, Sepimat™ CP 5 can be used in 10 to 15% concentrations with no problem of dispersion or agglomeration. Sepimat™ CP 5 also contributes to the matifying effect of the formula by eliminating the phenomena of specular reflection.

**AQUAXYL™**

**Xylitylglucoside and Anhydroxylitol and Xylitol**

Aquaxyl™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted and water loss is reduced (in vitro and in vivo tests prove this efficacy).

*Other raw materials...*

- Diisopropyl Sebacate: **Dub DIS (STEARINERIES DUBOIS)**
- Fragrance: **Lait Ref SAV/00700 (MLW)**
- Coloring agents: **E102 et E124**
- Dimethicone: **DC200.350 (DOW CORNING)**
- Phenoxyethanol & Ethylhexylglycerin: **EUXYL™ PE9010 (SCHULKE & MAYR)**