



## POT OF CREAM 7005A

**This formulation illustrates the possibility to obtain thick cream with the SENSANOV™ WR emulsifier. The consistence is obtained by using the MONTANOV™ 14 combined with LANOL™ P. Sweet texture**

### Formula

<b>A</b>	<ul style="list-style-type: none"><li>• <b>SENSANOV™ WR</b> (C20-22 Alkyl Phosphate and C20-C22 Alcohols - SEPPIC)</li><li>• <b>MONTANOV™ 14</b> (Myristyl Alcohol and Myristyl Glucoside - SEPPIC)</li><li>• Dimethicone</li><li>• Diisopropyl Sebacate</li><li>• <b>LANOL™ P</b> (Glycol Palmitate - Seppic)</li></ul>	1.00 % 4.00 % 10.00 % 10.00 % 4.00 %
<b>B</b>	<ul style="list-style-type: none"><li>• <b>MICROPEARL™ M305</b> (Methyl Methacrylate Crosspolymer- SEPPIC)</li><li>• Tromethamine</li><li>• Water</li></ul>	1.00 % 0.15 % Up to 100%
<b>C</b>	<ul style="list-style-type: none"><li>• <b>SEPIPLUS™ 400</b> (Polyacrylate 13 /Polyisobutene /Polysorbate 20 - SEPPIC)</li></ul>	1.00 %
<b>D</b>	<ul style="list-style-type: none"><li>• <b>AQUAXYL™</b> (Xylitylglucoside and Anhydroxylitol and Xylitol - SEPPIC)</li><li>• <b>EUXYL™ PE9010</b> (Phenoxyethanol &amp; ethylhexylglycerin - SCHULKE &amp; MAYR)</li><li>• Colours</li><li>• Fragrance</li></ul>	3.00 % 0.20 % qs 0.20 %

### Procedure (Pilote – Trimix - 5kg)

Heat separately phase A and B at 85°C. Introduce phase A into phase B then start homogenization for 2' at 3000rpm. Add the polymer and keep homogenization for 8' Allow to cool under moderate stir. At 40°C add ingredients in D and start again homogenization for 10' at 3000rpm. Stop mixing and fill the jars.

### Comments

#### SENSANOV™ WR

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™ emulsions leaves the skin supple with a long lasting sensation of comfort. This protective film sensation is reflected invivo by a waterresistant effect for the development of sun care formulations.

#### MONTANOV™ 14

Glucolipid co-emulsifier in harmony with nature. In combination with other MONTANOV™ grades or with SENSANOV™ WR, MONTANOV™ 14 is a texturizing agent that combines consistency and lightness texture within the emulsions.

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- LANOL™ P** Texturizing agent. Does not leave a greasy feel, rinses off easily. Texturizing agent usefull to increase thickness without whitening effect onto the skin.
- SEIPLUS™ 400** A New generation of « Hydro Swelling Droplet » polymers, for improved performance. SEIPLUS™ is designed to give an improved electrolyte resistance profile. Compatible with a wide range of actives over a wide pH range (pH 3 to 11). A thickening and emulsifying agent in a liquid form, ready to use (no predispersion or neutralization).
- MICROPEARL™ M305** Consisting of smooth, ultra-soft microspheres that do not dry out the skin, MICROPEARL M305 gives emulsions and gel-creams a slightly powdery feel. The greater the percentage of MICROPEARL™ M305, the more pronounced the powdery feel. Due to its excellent hydrodispersibility, MICROPEARL™ M305 can be used in 10 to 15% concentrations with no problem of dispersion or agglomeration. MICROPEARL™ M305 also contributes to the matifying effect of the formula by eliminating the phenomena of specular reflection.
- AQUAXYL™** New "AQUACONCEPT" technology : thanks to an harmonization of the skin's hydrous flow, AQUAXYL™ moisturizes and restructures the skin ; Water reserves are instantly boosted and water loss is reduced (*in vitro* and *in vivo* proven efficacy) for a more supple and resilient skin !"

## Characteristics

Appearance	ivory cream
pH	Around 6.8
Viscosity	170,000 mPa.s (Brookfield LV7 V5)
Stability	Stable at RT & 45°C Stable after 1 month freeze-thaw cycles -5/+40°C Stable when centrifuged for 20' at 3000rpm

## Notes

Diisopropyl Sebacate : Dub DIS (STEARINERIES DUBOIS)

Fragrance Lait Ref SAV/00700 (MLW)

Colours : E102 & E124

Dimethicone : DC200.350 (DOW CORNING)

## 7005A – SEPPIC – 0806

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