



## NOURISHING RICH CREAM 84604G

### Formula

<b>A</b>	● <b>SIMULSOL™ 165</b> (PEG-100 stearate/Glyceryl stearate - SEPPIC)	2.00%
	● <b>MONTANOV™ 82</b> (Cetearyl Alcohol/Cocoglucoside - SEPPIC)	1.00%
	● <b>SENSANOV™ WR</b> (C20-22 Alkyl phosphate and C20-22 alcohols - SEPPIC)	1.00 %
	● Mineral Oil 26#	12.00 %
	● Tridecyl Trimellitate	6.00 %
	● Caprylic capric triglyceride	5.00 %
	● Petrolatum	10.00 %
	● <b>Lanol™ P</b> (Glycol palmitate-SEPPIC)	1.50 %
	● Dimethicone	2.00 %
	● <b>SEPICIDE™ HB</b> (Phenoxyethanol /Methylparaben /Ethylparaben /Propylparaben /Butylparaben - SEPPIC)	1.00 %
● Triethanolamine	0.30 %	
<b>B</b>	● <b>SEPIPLUS™ 400</b> (Polyacrylate-13 /polyisobutene/polysorbate 20-SEPPIC)	0.50%
<b>C</b>	● D.I. Water	Qs to 100%
	● Glycerine	3.00 %
	● Carbomer	0.20 %
<b>D</b>	● <b>AQUAXYL™</b> (Xylitylglucoside /anhydroxylitol /xylitol-SEPPIC)	0.50 %
	● Fragrance	0.10 %

### Production Procedure (Lab - Silverson - 300G):

Melt the fatty components in A at 80°C. Swell the carbomer in water then heat this pre-gel in the main tank at 80°C. Introduce A then start Silverson 4000rpm 4'. Introduce SEPIPLUS then go on homogenization for 3'. Cooling down without water bath with anchor at 100rpm. Add part D at 48°C. Adjust pH. Stop stirring at 30°C.

### Comments

#### MONTANOV™ 82

Glucolipid emulsifier in harmony with nature. Stable emulsions can be formulated with only 1% MONTANOV 82. MONTANOV 82 is especially well-suited for formulations with a high concentration of active ingredients. In combination with the other grades of the MONTANOV range, it can be used to modulate the texture and flexibility of the emulsions as desired. Montanov 82 used at low level allows to emulsify high level of waxes into cream gel texture. Montanov 82 is usefull to obtain thick lotions with rich and smooth texture.

#### 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 *in vivo* by a waterresistant effect for the development of sun care formulations.

- 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).
- 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 !"
- SEPICIDE™ HB** Preservative.

## Characteristics

Appearance	White thick cream
pH	Around 6.5
Viscosity after 1 month at RT	>100,000 mPa.s BROOKFIELD LV4 6rpm
Viscosity after 1 month at 48°C	58,800mPa.s BROOKFIELD LV4 6rpm
Viscosity recovery at RT (after 1 month at 48°C)	>100,000 mPa.s BROOKFIELD LV4 6rpm
Stability	> M1 Stable at RT / 48°C/-18° C Stable after 1 month of freeze/thaw cycles -18 / +48°C

## Notes

Tridecyl Trimellitate: Liponate TDTM (LIPO)  
Caprylic capric triglyceride: Myritol 318 (Cognis)  
Petrolatum: WHITE PROTOPET 1S Petrolatum (Sonneborn)  
Dimethicone: DC200/350cst (DOW CORNING)  
Carbomer: Carbopol 980 (NOVEON)  
Fragrance: FRAG279953 (DROM)

### 84604G – SEPPIC – 0827A

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