



- **Packaging:** HDPE white bottle
- **Appearance:** White cream gel
- **Save energy with this Cold Process Lotion!**
- **SIMULGEL™ FL and SEPIPLUS™ S give stability to this cream gel over time and provide a soft and powdery finish.**



AS40015- 1009

Formula

A	LANOL™ 99	1.00%
	2-Ethylhexyl palmitate	6.00%
	Caprylic capric triglyceride	2.00%
	Dimethicone	1.00%
B	SIMULGEL™ FL	1.50%
	SEPIPLUS™ S	0.50%
C	Aqua / Water	Up to 100%
	Glycerine	4.00%
	2-Bromo-2-Nitropropane-1,3-Diol/ Methylchloroisothiazolinone/ Methylisothiazolinone	0.10%
	AQUAXYL™	0.50%
D	Fragrance	0.10%

Procedure (pilot – VMC4 Versamix Rotor Stator – 7kg)

Weigh part A into the main tank, then add part B to the main tank. Disperse part C well into the water tank. Add part C into the main tank. Start homogenization at 4000rpm for 6min. Then add part D into the main tank, stir with anchor for 2 min, start homogenization at 4000rpm for 3min. And keep stirring at 50rpm for 15min.

Characteristics

Aspect	White cream gel
pH	5.87
Viscosity at M1 RT	28,800mPa.s Brookfield LV4 6rpm
Viscosity after 1 month at 45°C	25,400mPa.s Brookfield LV4 6rpm
Viscosity recovery at RT (after 1 month at 45°C)	28,200mPa.s Brookfield LV4 6rpm
Stability	> M1 Stable at RT / 45°C/-18°C Stable after 1 month of freeze/thaw cycles -5 / +40°C

LANOL™ 99

Isononyl isononanoate

Texturizing agent .

SIMULGEL™ FL

Hydroxyethyl acrylate/ Sodium acryloyldimethyl taurate copolymer/Isohexadecane/ Polysorbate-60

Ready-to-use HSD polymer in liquid form (no dispersion, no neutralization). It can be used at room temperature and over a wide range of pH by simple dilution in water under low shear. At low use level, SIMULGEL™ FL allows to stabilize and texturize extra-fluid formulations including those which contain electrolytes and preservatives. SIMULGEL FL is ideal, amongst other things, for wet wipe impregnation.

SEPIPLUS™ S

Hydroxyethylacrylate/sodium acryloyldimethyl taurate copolymer/polyisobutene/PEG-7 trimethylolpropane coconut ether

Liquid ready to use concentrated polymer, thickening in a wide pH range (3-10), effective in particular with high levels of electrolytes; Used as co-emulsifier or stabilizer, it has from 1% a rich and unctuous feeling and provides an unrivalled softness to emulsions for an absolute comfort prolonged in time.

AQUAXYL™

Xylitylglucoside /anhydroxylitol /xylitol

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 !"

Other raw materials...

- 2-Ethylhexyl palmitate: ESTOL 1543 (Croda)
- Caprylic capric triglyceride: Myritol 318 (Cognis)
- Dimethicone: DC 200 Fluid 350cst (Dow Corning)
- 2-Bromo-2-Nitropropane-1,3-Diol/Methylchloroisothiazolinone/ Methylisothiazolinone: Euxyl K 145 (S&M)
- Fragrance: FRAG61303658 (DROM)

Cost: 1.03€/kg ex. VAT