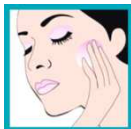


O/W
Emulsion



- White cream
- Packaging: Jar
- A cream gives you surprisingly fresh & long lasting skin feeling.
- A Low cost formula that is easy to formulate.



AS40009 - 1012

Formula

A	MONTANOV™ 202	1.00%
	SIMULSOL™ 165	2.00%
	Cetearyl Alcohol	1.80 %
	Mineral Oil 26	5.00 %
	Isooctyl Palmitate	7.00 %
B	Caprylic Capric Triglyceride	1.50 %
	Isohexadecane	1.00 %
	Dimethicone	0.50 %
B	SIMULGEL™ SMS 88	0.80%
C	Distilled Water	Up to 100%
	Propylene Glycol	4.00%
	SOLAGUM™ AX	0.20%
D	2-Bromo-2-Nitropropane-1,3-Diol / Methylchloroisothiazolinone / Methylisothiazolinone	0.10%
	Parfum / Fragrance	0.10%

Procedure

(Pilot – VMC4 versamix rotor stator – 6kg)

Melt the fatty components in A at 80° C. Swell the SOLAGUM™ AX in water and heat it at 80° C. Introduce part A into main tank. Introduce SIMULGEL™ SMS 88 into hot part A just before combining with part C. Then introduce part C into main tank, start rotor/stator 4000 rpm and HSD 3000 rpm 4 minutes. Cool down with anchor at 50 rpm. Add part D at 45° C. Adjust pH. Stop stirring at 30° C.

Characteristics

Appearance	White emulsion
pH	≈ 6,5
Viscosity 1M at RT	52,000 mPa.s Brookfield LVS4S6
Viscosity 1M at 45° C	32,000 mPa.s Brookfield LVS4S6
Viscosity recovery at RT (after 1M at 45° C)	74,200 mPa.s Brookfield LVS4S6
Stability*	3M at RT / 48° C/-18°C Stable after 1M of freeze/thaw cycles -18° C/+48° C

Raw materials from SEPPIC

MONTANOV™ 202

Arachidyl Alcohol & Behenyl Alcohol & Arachidyl Glucoside

Glucolipid emulsifier in harmony with nature. It produces emulsions with a very light, evanescent feel that are easy to apply and rapidly absorbed. These emulsions leave the skin feeling soft and non-greasy. Their matt finish effect helps prevent shine. MONTANOV™ 202 can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to help maintain skin moisturization. In combination with the other grades of the MONTANOV™ range, MONTANOV™ 202 can be used to modulate the texture and flexibility of the emulsions as desired.

SIMULSOL™ 165

PEG-100 Stearate & Glyceryl Stearate

Self emulsifying base. Can be used synergistically with any emulsifier of MONTANOV™ range in order to produce smooth and stable creams.

SIMULGEL™ SMS 88

Sodium Acrylate / Acryloyldimethyl Taurate & Dimethylacrylamide Crosspolymer & Isohexadecane & Polysorbate 60

Thickening and emulsifying agent in liquid form. Very easy to use (no predispersion or neutralization). SIMULGEL™ SMS 88 can be used to emulsify all types of oil phase without heating, producing a white appearance with a rich skin feel and a soft lasting veil, ideal for "cocoon" concept. Compatible with D.H.A. and efficient with high level of solvents, SIMULGEL™ SMS 88 is also an ideal partner for your hair care and self-tanning projects.

SOLAGUM™ AX

Acacia Senegal Gum & Xanthan Gum

Original association of thickening polymers from vegetable origin certified by ECOCERT®. Eco-friendly product developed in accordance with sustainable development. Furthermore, thanks to its innovative process, it is a userfriendly product : low dusting, instant cold or hot water soluble even under slow stirring. With its moderate thickening power, it is a good candidate for each kind of cosmetic products from fluid (body care) to more thicken ones (face or hands care).

Other raw materials...

- Cetearyl Alcohol : **Lanette MY (COGNIS)**
- Caprylic Capric Triglyceride : **Myritol 318 (COGNIS)**
- Isohexadecane : **Arlamol HD (CRODA)**
- Extyhol Hexthyl Palmitate : **Estol EHP 1543 (CRODA)**
- Dimethicone : **DC 200/100 cst (DOW CORNING)**
- 2-Bromo-2-Nitropropane-1,3-Diol/Methylchloroisothiazolinone/
Methylisothiazolinone : **Euxyl K 145 (S&M)**
- Fragrance : **FRAG113138 (DROM)**