



- **White and firm emulsion**
- **Packaging: tube**
- **Whitening efficacy proven in vivo**
- **Mixed texture given by the combination of MONTANOV™ 68 & MONTANOV™ 202**
- **LANOL™ P contributes to enhance consistency without greasy touch**


EU07057 - 0702
Formula

A	MONTANOV™ 68 MONTANOV™ 202 LANOL™ P LANOL™ 99	2.00% 2.00% 2.00% 8.00%
B	Aqua /Water Chlorphenesine Magnesium Aluminium Silicate	Up to 100% 0.30% 1.00%
C	Cyclopentasiloxane SIMULGEL™ EG	4.00% 1.00%
D	SEPICALM™ VG	3.00%
E	DL alpha Tocopherol Parfum / Fragrance SEPICIDE™ HB	0.05% 0.30% 0.70%
F	Triethanolamine	0.35%

Procedure
(Trimix 8Kg)

Melt fatty components at 80° C ; Heat water in the main tank, then dissolve Chlorphenesine (rotor stator 3000 rpm 5') and add Magnesium Aluminium Silicate (planetary mixer + rotor stator 1000 rpm 10'). Add the warm fatty phase and start homogenizing at 3000 rpm. After 5' make the mixture cool. Add the silicon at 65° C then SIMULGEL™ while keeping homogenization 5' more. Stop the rotor stator and cool to 60° C. Then add SEPICALM™ VG . At 30° C add ingredients to phase D ; If required adjust pH. After 60° C all steps are conducted under vacuum.

Characteristics

Appearance	white thick emulsion
pH	5.4
Viscosity 1M at RT	44,000 mPa.s Brookfield LV S4 sp.6
Viscosity 1M at 45° C	45,000 mPa.s Brookfield LV S4 sp.6
Viscosity recovery at RT (after 1M at 45° C)	49 to 74,000 mPa.s Brookfield LV S4 sp.6
Stability	> 3M at RT & 45° C > 1M in cycles -5/+40° C Stable after centrifuged 20' at 3000 rpm

Raw materials from SEPPIC

MONTANOV™ 68
Cetearyl Alcohol & Cetearyl Glucoside

Glucolipid emulsifier in harmony with nature. It can be used to formulate rich, smooth textures with any type of oil phase. 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™ 68 can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to maintain skin moisturizing. MONTANOV™ 68 offers the possibility to formulate without additional stabilizers.

MONTANOV™ 202
Arachidyl Alcohol & Behenyl Alcohol & Arachidyl Glucoside

Glucolipid emulsifier derived from vegetable origin. Promoter of liquid crystals, it plays a role in maintaining skin moisturization over time. Thanks to liquid crystals which contain water, MONTANOV™ 202 helps to keep skin moisturized.

LANOL™ P
Glycol Palmitate

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

LANOL™ 99
Isononyl Isononanoate

Texturing agent which is very easy to emulsify. It provides a soft and light texture and easy-to-spread properties.

SIMULGEL™ EG
Sodium Acrylate & Acryloyldimethyltaurate Copolymer & Isohexadecane & Polysorbate 80

Thickening and emulsifying fatty phase agent, SIMULGEL™ EG comes in form of liquid and is ready-to-use (neither predispersion nor neutralization). It provides a good pick-up to the formula, and contributes to give a silky and soft touch to the formula.

SEPICALM™ VG
Sodium Palmitoyl Glycine & Nymphaea Alba Flower Extract

Palmitoylproline and water lily flower extract unite their intrinsic action to reach a unique whitening and soothing effect. SEPICALM™ VG reduces cutaneous pigmentation induced by stress or aging process (in vitro and in vivo proven efficacy): modulation of inflammation mediators and a reduction of genetic expression of tyrosinase (key enzyme of pigmentation).

SEPICIDE™ HB
Phenoxyethanol & Methylparaben & Ethylparaben & Propylparaben & Butylparaben

Preservative

Other raw materials...

- Chlorphenesine
- Magnesium Aluminium Silicate
- Cyclopentasiloxane
- DL alpha Tocopherol
- Parfum/Fragrance: **POUCE G92.30802 (ROBERTET)**
- TEA