


**O/W
Emulsion**


- Compact and smooth tinted cream
- Packaging: jar
- The formula is very easy to spread on the skin. It provides extra light and fresh skinfeel, and gives natural finish.
- SIMULGEL™ I-NS 100 is compatible with pigments.
- AQUAXYL™ offers moisturizing effect to the skin.


EU07283-1312
Formula

| | | |
|---|--|--------------|
| A | MONTANOV™ L | 2.50% |
| | Ethylhexyl Methoxycinnamate | 7.50% |
| | Benzophenone-3 | 3.50% |
| | Dimethicone | 0.50% |
| | LANOL™ 99 | 5.00% |
| | SIMULGEL™ I-NS 100 | 1.50% |
| B | Cyclopentasiloxane (and) Cyclohexasiloxane | 5.00% |
| C | Aqua / Water | Up to 100 % |
| | Iron Oxides (C.I. 77492) (and) Water (and) Glycerin (and) Ammonium Polyacrylate | 1.90% |
| | Iron Oxides (C.I. 77491) (and) Water (and) Glycerin (and) Ammonium Polyacrylate | 0.40% |
| | Iron Oxides (C.I. 77499) (and) Water (and) Glycerin (and) Ammonium Polyacrylate | 0.09% |
| | Titanium Dioxide (C.I. 77891) (And) Water (and) Glycerin (and) Ammonium Polyacrylate | 8.00% |
| D | AQUAXYL™ | 3.00% |
| | Phenoxyethanol (and) Ethylhexylglycerin | 1.00 % |

Procedure
Lab – 300g

Homogenization of the pigments in the warm water phase, homomix for 20mn at 3000rpm. Then this water phase (A) is placed in the water bath, 75/80 degrees. Phase B is also placed in the water bath. Add C in the warm phase B, pour A on B+C and homomix for 4mn at 4000rpm, at 2min cyclomethicone is added in the emulsion. Place the emulsion under cooling down process (20min, with 10min at room temperature, and 10 more under cold water bath), preservative and Aquaxyl are added around 50degrees.

Characteristics

| | |
|---|------------------------------------|
| Appearance | Compact and Smooth tinted emulsion |
| pH | 6.7 |
| Viscosity1M at RT | 35 000 mPa.s BROOKFIELD LV4 sp.6 |
| Viscosity 1M at 45°C | 14 000 mPa.s BROOKFIELD LV4 sp.6 |
| Viscosity recovery at RT (after 1M at 45°C) | 39 000 mPa.s BROOKFIELD LV4 sp.6 |
| Stability* | M3 at RT and 45°C |

Raw materials from SEPPIC

MONTANOV™ L
C14-22 Alcohols and C12-20 Alkyl Glucoside

Glucolipid emulsifier in harmony with nature. MONTANOV L is well-suited to formulate different textures (from sprayable to butter cream) no matter the nature or the quantity of fatty phase used. It stabilizes emulsions, and has a strong moisturizing power since it promotes liquid crystals which prevent the skin from dehydration (efficacy proven in vivo). Ecocert and Natrue approved.

SIMULGEL™ I-NS 100
Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 60

Pre-neutralized liquid inverse latex polymer, ready-for-use. Thickening agent which stabilizes all types of oily phases. It can be used in a wide range of pH (3 to 12), and for the development of all types of consistencies: sprays, ultra-fluid to thick ones. It gives to the formulas a fresh and melting texture.

LANOL™ 99
Isononyl Isononanoate

Emollient Agent.

AQUAXYL™
Xylitylglucoside and Anhydroxylitol and Xylitol

AQUAXYL™ moisturizes and strengthens the hair: maintains moisture deep in the hair, protects the integrity of hair fibers. Moreover, it improves the foam quality and reduces irritation induced by LESNa. It's mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

Other raw materials...

- Ethylhexyl Methoxycinnamate : **Uvinul MC80 (BASF)**
- Benzophenone-3 : **Eusolex 4360 (EMD)**
- Dimethicone : **DMF-350 (Shin Etsu)**
- Cyclopentasiloxane (and) Cyclohexasiloxane : **DC 345 (Dow Corning)**
- Phenoxyethanol (and) Ethylhexylglycerin : **Euxyl PE 9010 (S&M)**
- Iron Oxides (C.I. 77492) (and) Water (and) Glycerin (and) Ammonium Polyacrylate : **GLW45GYAP (KOBO)**
- Iron Oxides (C.I. 77491) (and) Water (and) Glycerin (and) Ammonium Polyacrylate : **GLW55GRAP (KOBO)**
- Iron Oxides (C.I. 77499) (and) Water (and) Glycerin (and) Ammonium Polyacrylate : **GLW60GBAP (KOBO)**
- Titanium Dioxide (C.I. 77891) (and) Water (and) Glycerin (and) Ammonium Polyacrylate : **GLW75PFAP-MP (KOBO)**

All information contained herein is intended merely to demonstrate the utility of SEPPIC products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by SEPPIC according to its own described methods and processes. SEPPIC however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. SEPPIC customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

* Our stability protocols are available at your request.