


**O/W
Emulsion**


- Off-white O/W emulsion
- Packaging : pot
- Association between MONTANOV™ 82 with SIMULSOL™ 165 to stabilize 3% of cationic conditioning agents and 8% oil phase.
- AQUAXYL™ maintains moisture deep in the hair and SEPICAP™ MP protects the hair shaft.
- Hair stays soft and smooth to the touch!


EU07186 - 1109

Formula

A	MONTANOV™ 82	1.00%
	SIMULSOL™ 165	2.50%
	Cetearyl Alcohol	1.50%
	Argania Spinosa kernel Oil	1.00%
	Hydrogenated Vegetable Oil & Prunus Amygdalus Dulcis Oil & Tocopherol	1.00%
B	Mineral Oil	3.00%
	Dimethicone and Dimethiconol	3.00%
C	Aqua/Water	Qsp 100%
	Behentrimonium Chloride	1.50%
	Distearoylethyl Dimonium Chloride & Cetearyl Alcohol	1.50%
D	Hydroxyethylcellulose	1.00%
E	AQUAXYL™	1.00%
	Phenoxyethanol & Ethylhexylglycerin	1.00%
	SEPICAP™ MP	1.00%
	Parfum/Fragrance	1.00%

Procedure

DUMEK (turbo + planetary) – 2Kg

Weigh oil phase (A) to 75° C. In the main tank, weigh water to 75° C, then solubilize the 2 grades of Varisoft. Planetary agitation till homogenous mixture is obtained. Add phases B (DC 1503) then D (Natrosol 250H) in hot oily phase (75° C). homogenize. Add oil phase (A+B+D) and emulsify (turbo + planetary) during 6 minutes. Cut off turbo and cool down till 50° C then till 30° C. Add phase E and homogenize the mixture. Adjust pH to 4.5-5.0.

Characteristics

Appearance	Compac off-White cream
pH	~ 4.7
Viscosity 1M at RT	64.000 mPa.s Brookfield LV S4 sp.6
Viscosity 1M at 45° C	39.000 mPa.s Brookfield LV S4 sp.6
Viscosity recovery at RT (after 1M at 45° C)	56.000 mPa.s Brookfield LV S4 sp.6
Stability	7D and 1M at RT, 45° C, cycles -4/+40° C

Raw materials from SEPPIC

MONTANOV™ 82

Cetearyl Alcohol & Coco-Glucoside

Glucolipid emulsifier derived from vegetable origin. 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.

SIMULSOL™ 165

PEG-100 Stearate & Glyceryl Stearate

Non-ionic self-emulsifying base. Provides formation of O/W emulsions with various consistencies

AQUAXYL™

Xylitylglucoside & Anhydroxylitol & Xylitol

Thanks to a harmonization of moisture flow, 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.

SEPICAP™MP

Sodium Cocoyl AminoAcids & Potassium Dimethicone PEG-7 Panthenyl Phosphate

Thermoactive multiprotector for stressed and sun-damaged hair, blow-drying, pollution or chemical treatments. A biovector of amino acids and panthenol, SEPICAP MP contributes to combat the harmful effects of oxidative stress. It simultaneously protects the integrity of the hair shaft and root as well as it anticipates formation of scales.

Other raw materials...

- Argania Spinosa kernel Oil : **HUILE D'ARGAN VIERGE DÉSODORISÉE (OLVEA)**
- Hydrogenated Vegetable Oil & Prunus Amygdalus Dulcis Oil & Tocopherol : **PARYOWAX M61 (BRENNTAG INDUSTRIES CERATEC)**
- Mineral Oil : **PRIMOL 352 (EXXON MOBIL)**
- Dimethicone and Dimethiconol : **X-21-5613 (SHIN ETSU)**
- Behentrimonium Chloride : **VARISOFT BT 85 PELLETS (EVONIK)**
- Distearoylethyl Dimonium Chloride & Cetearyl Alcohol : **VARISOFT EQ 65 PELLETS (EVONIK)**
- Hydroxyethylcellulose : **NATROSOL 250 H (AQUALON HERCULES)**
- Phenoxyethanol & Ethylhexylglycerin : **EUXYL PE 9010 (SCHULKE & MAYER)**
- Fragrance : **PARFUM FRUCTAL HYDRO (EXPRESSIONS PARFUMÉES)**