

NOURISHING CONDITIONING BALM



- **White and compact emulsion**
- **Packaging: pot**
- **This formula emphasizes the perfect compatibility between Aquaxyl™ and detangling cationic agents.**
- **Montanov™ 82 is the perfect emulsifier for haircare formulas since it can be rinsed easily**



EU07079 - 0709

Formula

A	Aqua/Water	Up to 100 %
	Hydroxyethylcellulose	1,00 %
B	Butyrospermum Parkii	1,00 %
	Cetearyl Alcohol	3,00 %
	MONTANOV™ 82	2,00 %
	Behentrimonium Chloride	2,00 %
	Polyquaternium-11	2,00 %
	Dimethicone	1,00 %
C	D-Panthenol	0,10 %
	SEPICIDE™ HB	1,00 %
D	AQUAXYL™	2,00 %
	Parfum/Fragrance	0,10 %

Procedure (Pilot – Trimix – 5 kg)

Weigh the water in the main vessel and add the Hydroxyethylcellulose while stirring. When the gel is made, heat it up to 80°C. In a separate vessel, combine phase B (except the Dimethicone) ingredients and heat the phase up to 80°C, when it is melted add the Dimethicone. Add phase B onto phase A with homogenizing. When the formula is homogeneous, start cooling down. At 50°C, add phase C ingredients and mix well after each addition. At 35°C add the remaining ingredients.

Characteristics

Appearance	Compact and white
pH	5.58
Viscosity at day 7 at RT	21,600 mPa.s BROOKFIELD LV4 sp.6
Viscosity after 1 month at 45°C	33,000 mPa.s BROOKFIELD LV4 sp.6
Viscosity recovery at RT (after 1 month at 45°C)	39,100 mPa.s BROOKFIELD LV4 sp.6
Stability	> M1 à TA et 45°C > M1 after freeze/thaw cycles -5 / +40°C Stable after centrifugation 20' at 3000 rpm

Raw materials from SEPPIC

MONTANOV™ 82

Cetearyl Alcohol & Coco-Glucoside

Glucolipid emulsifier in harmony with nature. Stable emulsions can be formulated with only 1% Montanov™ 82. 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. Montanov™ 82 is useful to obtain thick lotions with rich and smooth texture.

AQUAXYL™

Xylitylglucoside and Anhydroxylitol and Xylitol

Aquaxyl™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted and water loss is reduced (in vitro and in vivo tests prove this efficacy).

SEPICIDE™ HB

Phenoxyethanol & Methylparaben & Ethylparaben & Propylparaben & Butylparaben

Preservative

Other raw materials...

- Hydroxyethylcellulose: **Natrosol 250HX (AQUALON)**
- Butyrospermum Parkii: **SOPHIM**
- Behentrimonium Chloride: **Genamin KDM (CLARIANT)**
- Polyquaternium-11: **Gafquat 755N (ISP)**
- Dimethicone: **DC 200/350 (DOW CORNING)**
- Fragrance: **Sentiment d'évasion RS8490 (TECHNICO FLOR)**