



97.7% Natural Origin*

This natural hair conditioner easily detangles and moisturises hair.

MONTANOV™ 202 emulsifies and stabilises the 20% of oily phase. **SOLAGUM™ TARA** thickens the emulsion, while providing an excellent skin feel. The non-ionic nature of **SOLAGUM™ TARA** makes it easy to use in hair care products.

AQUAXYL™ moisturises hair and scalp while **EMOGREEN™ L19** eases the product spreading and leaves soft and shiny hair.

A test has been performed with a Diastron on three hair tresses of damaged caucasian hair comparing this formula with and without the cationic agent Cetrimonium Chloride (1% AM). Results show a small combing improvement (+4%) by Cetrimonium Chloride addition : this conditioner doesn't need cationic agent to detangle hair.



Formula		
A	Aqua/Water AQUAXYL™ Glycerin Ethyl Lauroyl Arginate HCl	Qsp 100.00% 3.00% 3.00% 2.00%
B	MONTANOV™ 202 Glyceryl Stearate Hydrogenated Olive Oil Stearyl Esters EMOGREEN™ L19 Simmondsia Chinensis (Jojoba) Seed Oil Argania Spinosa (Argan) Kernel Oil dl-α-Tocopherol	3.00% 2.00% 1.00% 5.00% 5.00% 5.00% 0.05%
C	SOLAGUM™ TARA	0.50%
D	Parfum/Fragrance Just Tan SMC06SRSM	0.20%

Procedure	
LABORATORY SCALE - 300g	
Mix phase A and heat to 85°C. Mix phase B and heat to 85°C. When phase B is completely melted, add phase C to phase B. When both phases A and B+C are at 85°C, combine them together and homogenize at 4,000 rpm for 4 minutes. Cool down the batch with low shear mixing to 40°C and add phase D and continue to cool the batch to room temperature.	

Characteristics	
Appearance	Smooth Cream
pH	4.07
Viscosity 1M at RT	29,594 mPa.s Brookfield S4S6
Viscosity 1M at 45°C	18,112 mPa.s Brookfield S4S6
Viscosity recovery at RT (after 1M at 45°C)	30,102 mPa.s Brookfield S4S6
Stability*	Passed 3 cycles Freeze/Thaw and 3M at 45°C

Raw materials from SEPPIC

AQUAXYL™

Xylitylglucoside and Anhydroxylitol and Xylitol

AQUAXYL™ moisturizes the scalp and protects the barrier function against the effects of glycerin. Moreover, it improves the foam quality and reduces irritation induced by some surfactants (LESNa...). Its mechanism of action has been validated by cosmetogenomics. Cosmos and Natrue approved.

MONTANOV™ 202

Arachidyl Alcohol and Behenyl Alcohol and 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. Ecocert and Natrue approved.

EMOGREEN™ L19

C15-19 Alkane (Plant-based & Renewable)

EMOGREEN™ L19 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue. It gives a fresh and gliding touch, with a soft afterfeel. Inert and stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...).

SOLAGUM™ TARA

Caesalpinia Spinosa Gum

A powerful thickening natural gum from Caesalpinia spinosa endosperm seeds. Synergistic efficiency with synthetic and natural polymers. Ecocert, Cosmos and Natrue approved.

Other raw materials...

- Autres fournisseurs
- Glycerin : **JEEN**
- Ethyl Lauroyl Arginate HCl : **VEDEQSA**
- Glyceryl Stearate : **DUBOIS**
- Hydrogenated Olive Oil Stearyl Esters : **SOPHIM**
- Simmondsia Chinensis (Jojoba) Seed Oil : **SOPHIM**
- Argania Spinosa (Argan) Kernel Oil : **SOPHIM**
- dl-α-Tocopherol : **DSM**
- Parfum/Fragrance Just Tan SMC06SRSM : **GIVAUDAN**

* Natural origin content according to ISO 16128