



HAIR CARE

US20085 | NATURAL HAIR CONDITIONER



NATURALITY PROFILE according to ISO 16128 norm

Detangles the hair
without cationic agent
—
Deeply moisturizes

A	Aqua/Water AQUAXYL™ Glycerin Ethyl Lauroyl Arginate HCl	Up to 100% 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%

With **wesOURCE****Smooth Cream / Packaging: Pump**

pH: 4.07

VISCOSITIES: 1M at RT: 29,594 mPa.s Brookfield LV4-6**Recovery at RT (after 1M at 45°C):** 30,102 mPa.s Brookfield LV4-6**STABILITY:** 3M at RT, 45°C, cycles -5°C/+40°C**FORMULATION ADVICES: Laboratory scale - 300 g**

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.

**This natural hair conditioner
easily detangles and moisturizes the 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.

MONTANOV™ 202 (Arachidyl Alcohol - Behenyl Alcohol - Arachidyl Glucoside): **Glucolipid emulsifier in harmony with nature.** It produces emulsions with a very light and evanescent touch, which confers an **easy application** and a **quick penetration**. Their matt effect prevents skin from glossy & fatty aspect.

SOLAGUM™ TARA (Caesalpinia Spinosa Gum): A **powerful thickening natural gum** from *Caesalpinia spinosa* endosperm seeds. **Synergistic efficiency** with synthetic & natural polymers.

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

AQUAXYL™ (Xylitylglucoside - Anhydroxylitol - Xylitol): **Moisturizes the scalp and protects the barrier function** against the effects of glycerin. Moreover, it **improves the foam quality & reduces irritation** induced by some surfactants (LESNa...).

EMOGREEN™ L19 (C15-19 Alkane*) (*Plant-based & Renewable) **Non polar & biodegradable, bio-sourced emollient.** This **high purity alkane** is THE alternative to silicone oils. It gives a **fresh & 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...).

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

ADDITIONAL INGREDIENTS: Glycerin (JEEN) / Ethyl Lauroyl Arginate HCl (VEDEQSA) / Glyceryl Stearate (STEARINERIE DUBOIS) / Hydrogenated Olive Oil Stearyl Esters (SOPHIM) / Simmondsia Chinensis (Jojoba) Seed Oil (SOPHIM) / Argania Spinosa (Argan) Kernel Oil (SOPHIM) / dl- α -Tocopherol (DSM) / Fragrance: Just Tan SMC06SRSM (GIVALUDAN).

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