

## HAIR HYDRATOR DAILY CLARIFYING SHAMPOO



- A fluid transparent shampoo
- Packaging: Tube
- A daily clarifying and moisturizing shampoo that won't break the bank!
- **CAPIGEL™ 98** creates a clear and colorless formula with 14% of active matter!
- **ORAMIX™ L 30** and **AMONYL™ 675 SB** provide a stable and abundant foam.
- **AQUAXYL™** + **BIOEXTENDER SPE** association, deeply moisturizes the hair and improves its elasticity and flexibility.


**EU07291 - 1404**

### Formula

A	Sodium Lauryl Ether Sulfate 28% <b>ORAMIX™ L 30</b> <b>AMONYL™ 675 SB</b>	28.00% <b>6.50%</b> <b>5.00%</b>
B	Aqua/Water <b>CAPIGEL™ 98</b>	8.00% <b>4.00%</b>
C	Aqua/Water Disodium EDTA Sodium Hydroxide	Qsp 100% 0.05% Qs pH>7.2
D	<b>AQUAXYL™</b> <b>BIOEXTENDER SPE</b> Parfum/Fragrance	<b>1.00%</b> <b>2.00%</b> 0.50%
E	Propanediol and Phenethyl Alcohol and Undecyl Alcohol	1.00%
F	Guar Hydroxypropyltrimonium Chloride	0.30%
G	Lactic Acid	Qs pH 7.00

### Procedure

#### TRIMIX – defloculeuse (6kg)

Weigh phase A and stir. Homogenize phase B with a spatula. Introduce phase B into phase A. Weigh phase C and homogenize with a magnetic bar. Introduce the half of the phase C, stir and then the other half. Add successively phases D and E and stir between each addition; then introduce phase F. Adjust final pH to 7 with phase G.

### Characteristics

Appearance	Transparent Fluid Shampoo
pH	7.00
Viscosity 1M at RT	5840 mPa.s Brookfield S3S6
Viscosity 1M at 45° C	340 mPa.s Brookfield S2S6
Viscosity recovery at RT (after 1M at 45° C)	3940 mPa.s Brookfield S2S6
Stability*	Stable at 1M at 4°C, RT, Freeze-Thaw cycles (-5°C/+40°C)

## Raw materials from SEPPIC

### 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 some surfactants (LESNa...). It's mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

### AMONYL™ 675SB

#### Cocamidopropyl Hydroxysultaine

Provides a fine foam that is stable over time. Provides significantly greater conditioning properties compared to classical betaines.

### CAPIGEL™ 98

#### Acrylates Copolymer

Ready-to-use thickening liquid polymer that creates high viscosity in aqueous media following neutralization (pH>6.5). It also produces perfectly clear gels with a good resistance to electrolytes and polar solvents.

### ORAMIX™ L30

#### Sodium Lauroyl Sarcosinate

Alternative to LESNa in sulfate free formulations. Respects the structure of the hair and the scalp and provides abundant, light and soft foam.

### BIOEXTENDER SPE

#### Hydrolyzed Rhodophycea Extract

Bioextender SPE reinforces the hair and improves its elasticity and flexibility.

## Other raw materials...

- Sodium Lauryl Ether Sulfate: **LES NA 2,20E (Zschimmer & Schwarz)**
- Disodium EDTA: **TRILON BD (BASF)**
- Parfum/Fragrance: **PARFUM THE VERT FLEURS (MLW)**
- Propanediol & Phenethyl Alcohol & Undecyl Alcohol: **SENSIVA PA30 (Schulke & Mayr)**
- Guar Hydroxypropyltrimonium Chloride : **AQUACAT CG 518 (AQUALON)**