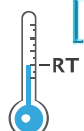
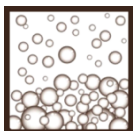


SEPPIC

EU07278

CAPSULES CARE GRAPH SULFATE FREE SHAMPOO

[Care]
[Graph]



- Opalescent pink liquid with red capsules in suspension
- Packaging : bottle
- A sulfate-free graphic shampoo to protect colored hair !
- Sulfate free foaming agents ORAMIX™ L30, PROTEOL™ APL, AMONYL™ 675SB (~9%ma) provide abundant foam and stable (volume at 30" = 361mL and stability = 88% in hard water + sebum at phi).
- AQUAXYL™ moisturizes the hair.
- During the shampoo, the CAPSULES release INULA HC and Argan Oil, reinforcing and subliming your hair !
- The featured CAPSULES are technology from the SEPPIC DDS* - encapsulation platform.



EU07278 - 1506

DDS* : Drug Delivery System

Formula		
A	Aqua / Water Polyquaternium-10 Disodium EDTA	Qsp 100% 0.40% 0.05%
B	ORAMIX™ L30 PROTEOL™ APL AMONYL™ 675SB Phenoxyethanol & Ethylhexylglycerin AQUAXYL Fragrance	15.00% 6.00% 6.00% 1.00% 1.00% 0.40%
C	Acrylates Copolymer Aqua / Water	10.00% 10.00%
D	Sodium Hydroxide (48%)	0.62%
E	Colorant	0.01%
F	CAPSULES : • 49.5 % INULA HC • 49.5% Argania Spinosa Kernel Oil • 1.00% Mica (and) Iron Oxide	1.00%

Procedure PILOT – TRIMIX 5kg

Form the aqueous Polyquaternium-10 gel in the Trimix, stir up at 500 rpm until is homogeneous. Add EDTA and stir up. Weigh the ingredients of phase B in a 2L beaker. Introduce phase B in phase A, blend at 50 rpm. Then, add and homogenize successively phases C, D and E at 50 rpm. Break and create a vacuum to remove air bubbles. Weigh the Capsules and add them into the Trimix, blend at 50 rpm.

Characteristics

Appearance	Opalescent pink liquid with red capsules in suspension
pH	6.50
Viscosity 1M at RT	24 100 mPa.s Brookfield S4S6
Viscosity 1M at 45° C	10 100 mPa.s Brookfield S3S6
Viscosity recovery at RT (after 1M at 45° C)	22 300 mPa.s Brookfield S4S6
Stability	M1 at RT, 45° C, 4° C Stable after 1M of freeze/thaw cycles -5/+40° C

Raw materials from SEPPIC

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.

PROTEOL™ APL

Sodium Cocoyl Apple Amino Acids

Fruit surfactant, derived from essential amino-acids present in apple juice, for a gentle approach: unctuous foam, extremely mild to the skin and the eyes and also respectful of the environment.

AMONYL™ 675SB

Cocamidopropyl Hydroxysultaine

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

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 LESNa. It's mechanism of action has been validated by cosmetogenomics. Ecocert and Natrue approved.

INULA HC

Caprylic/Capric Triglyceride/Inula Crithmoide Leaf/Flower Extract

Oily active from Golden Sapphire to wake-up hair radiance and color. Reinforcement and protection of hair (in vivo study).

Other raw materials...

- Disodium EDTA : **EDTA DISODIQUE (BASF)**
- Polyquaternium-10 : **POLYMER JR-400 (AMERCHOL/UNIPEX)**
- Phenoxyethanol & Ethylhexylglycerin : **EUXYL PE9010 (SCHULKE & MAYR)**
- Fragrance : **PARFUM NEUTROPHILE (EXPRESSIONS PARFUMES)**
- C.I. 45410 1% : **UNICERT RED K7054-K (SENSIENT LCW)**
- Mica (and) Iron Oxide : **COLORONA GLITTER BORDEAUX (MERCK)**

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* Our stability protocols are available at your request.



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