



HAIR CARE

EU07790 | SULFATE-FREE PEARLY SHAMPOO

The ideal natural shampoo for healthy hair



NATURALITY PROFILE according to ISO 16128 norm*

Pearly shampoo

Light foam with no sulfate

Moisturized hair

A	Aqua/Water SOLAGUM™ AX Glycerin	Up to 100% 1.50% 3.00%
B	PROTEOL™ APLEF ORAMIX™ L30 AMONYL™ 675 SB	2.00% 10.00% 10.00%
C	XYLISHINE™ Benzyl alcohol and benzoic acid and dehydroacetic acid and tocopherol Calcium aluminium borosilicate and silica and titanium dioxide and tin oxide	3.00% 1.00% 0.20%
D	Citric acid	qsp pH

Pearly white gel / Packaging: Bottle

pH: 5.6 / **VISCOSITIES: 1M at RT:** 6200 mPa.s Brookfield M3V6 /
Recovery at RT (after 1M at 45°C): 6200 mPa.s Brookfield M3V6
STABILITY: 1M at RT, 45°C, 4°C

FORMULATION ADVICES: Laboratory scale - Defloculator

Weigh water + glycerine and place under Rayneri equipped with a defloculator. Create a vortex and add slowly Solagum AX. Homogenize for at least 10 min at 800 rpm. Reduce speed to 300 rpm. Add phase B ingredients one at a time, allowing to homogenize between each addition. Add phase C ingredients one at a time, allowing to homogenize between each addition. Measure pH and adjust to pH = 5.5 - 6



COLD PROCESS

A light and soft foam, that respects your hair, from root to tips.

A new approach to hair care, that your hair will love!

A combination of surfactants with AMONYL™ 675 SB, ORAMIX™ L30 and PROTEOL™ APL EF to obtain a great foam without sulfate :

AMONYL™ 675 SB (Cocamidopropyl Hydroxysultaine)

Amphoteric surfactant, it provides a **fine foam that is stable over time**. Provides significantly greater conditioning properties compared to classical betaines. Readily biodegradable : 67% in 28 days* with * : OECD 301 B method. China compliant. Vegan suitable.

ORAMIX™ L30 (Sodium Lauroyl Sarcosinate)

Mild alternative to LESNa in sulfate free formulations. Offers **higher foaming properties** than LESNa. **Respects the structure of the hair and the scalp** and provides **abundant, light and soft foam**. China compliant. Halal certified. Vegan suitable.

PROTEOL™ APL EF (Sodium Cocoyl Apple Amino Acids)

Thanks to its high tolerance and its **excellent foaming power**, Proteol APL EF™ is suitable for a lot of applications and textures (foam, gel, waters, creams) Readily biodegradable : 95% in 28 days* with * : OECD 301 B method. China compliant. Halal certified. Vegan suitable.

SOLAGUM™ AX is a smart combination of natural thickening polymers, ideal to support sulfate-free foaming chassiss (Acacia Senegal Gum and Xanthan Gum)**

It allows to formulate **non-stringy translucent gels** with intermediate viscosity. **SOLAGUM™ AX** also offers better stabilizing effect than xanthan gum while ensuring **easy spreading** and film forming effect. Cosmos and Natrue approved, it is the perfect ally for all natural formulation. Readily biodegradable : >90% in 28 days* with * : OECD 301A method. **100% from natural origin according to ISO 16 128.

XYLISHINE™ moisturizes and repairs the hair..(Xylitylglicoside and Anhydroxylitol and Maltilol and Xylitol and Pelvetia Canaliculata Extract) It helps maintain the deep hydration of the hair and protect the fiber. Tested in vivo on Caucasian or Brazilian hair, the natural sugars of vegetal and marine origin makes the hair glossy and soft.

ADDITIONAL INGREDIENTS: glycerin : GLYCERINE / benzyl alcohol and benzoic acid and dehydroacetic acid and tocopherol : EUXYL K903 (DKSH) / Calcium aluminium borosilicate and silica and titanium dioxide and tin oxide : RONASTAR GOLDEN SPARKS (MERCK) / citric acid : ACIDE CITRIQUE (MERCK)

More informations available on seppic.com

SEPPIC

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