



HAIR CARE

EU07178A | ECO-FRIENDLY SHAMPOO



Gel



NOC= 98.1%

NATURALITY PROFILE according to ISO 16128 norm



98.6% BIODEG.

BIODEGRADABILITY Theoretical amount of water or readily biodegradable ingredients presents in mixture.*

Sustainability

Sensoriality

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

A	Aqua / Water	Up to 100%
	SOLAGUM™ AX	2.00%
B	ORAMIX™ CG 110	10.00%
	ORAMIX™ NS 10	15.00%
	AMONYL™ 380 BA	5.00%
C	XYLISHINE™	3.00%
	Tocopherol - Helianthus Annuus Seed Oil	0.10%
	Benzyl Alcohol - Dehydroacetic Acid	0.80%
	Caramel	3.00%
D	Sodium Hydroxide (48%)	Up to pH 5.5

With WESOURCE

Brown Gel / Packaging: Tube

pH: 5.4

VISCOSITIES: 1M at RT: 15,260 mPa.s Brookfield LV4-6 /

Recovery at RT (after 1M at 45°C): 15,800 mPa.s Brookfield LV4-6.

STABILITY: 1M at RT & 45°C.

FORMULATION ADVICES: Laboratory scale - 1 kg - Defloculator

Disperse SOLAGUM™ AX in water and mix till the obtention of a perfectly smooth gel (defloculator - 200 to 650 rpm). Add phase B and mix slowly (to avoid foam formation) until the obtention of a homogeneous mixture (pale anchor - 50 à 100 tr/min). Add phase C additives and mix until the obtention of a homogeneous mixture. If necessary, adjust pH to 5.5 by adding sodium hydroxide.

Good for your hair and the environment!
This eco-friendly shampoo combines sustainability and sensoriality.

With a good biodegradability and a high natural origin content, it is pleasant to apply and easily rinse-off.

The combination of **ORAMIX™ CG 110 & ORAMIX™ NS 10** generates an important, dense and stable foam over time.

ORAMIX™ CG 110 (Caprylyl Capryl Glucoside): **Non-ionic surfactant from vegetable origin.** It is an **ideal solubilizing agent for foaming products** because it solubilizes essential oils, fragrances and preservatives, but also **boosts foam volume**. Its **mild cleansing effect** is interesting for the formulation of make-up removers, especially for lotions. It is **particularly used to emulsify and disperse molecules** in cream-gels.

ORAMIX™ NS 10 (Decyl Glucoside): **Very well-tolerated surfactant from vegetal origin.** This **gentle cleanser** provides an **abundant, stable foam**.

AMONYL™ 380 BA makes easier the immediate foam formation.

(Cocamidopropyl Betaine)

Provides a **fine foam** that is **stable over time**.

SOLAGUM™ AX is the only thickener in the formula: it allows the obtention of a consistent and non-stringy formula with a good prehension.

(Acacia Senegal Gum - Xanthan Gum)

Combination of natural origin stabilizing polymers. Can be used with hot or cold process.

XYLISHINE™ intensely and deeply moisturizes hair fiber.

(Xylitylglycoside - Anhydroxylytol - Maltitol - Xylitol - Pelvetia Canaliculata Extract)

It **moisturizes & repairs the hair**: 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 & soft**. #Bio-inspiration.

ADDITIONAL INGREDIENTS: Benzyl Alcohol - Benzoic Acid - Dehydroacetic Acid: GEOGUARD 221 (LONZA) / Tocopherol - Helianthus Annuus Seed Oil: DERMOFEEL TOCO 70 (EVONIK - DR STRAETMANS) / Caramel (SAINT LOUIS).

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