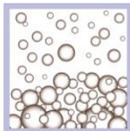


ECOFRIENDLY SILKY SHOWER CREAM



Aspect : Shower Cream
Packaging : pump

97.1 %* naturality
98 %** biodegradability

Ecofriendly Silky Shower Cream is made of natural and biodegradable ingredients and formulated without alkylsulfate to wash the skin in all serenity.

AQUAXYL™, together with sweet almond oil, gently moisturizes the skin.

The gentle foaming base contains 8.43% active ingredient including **ORAMIX™ NS 10** and **ORAMIX™ CG110**, natural surfactants, and **PROTEOL™ APL EF** which respects the skin barrier.

FLUIDIFEEL™ EASY allows the creation of a light and fluid emulsion by cold process. **EMOGREEN™ L19** promotes a glide-on soft touch. This formula is stabilized and thickened by the combination of natural gums **SOLAGUM™ AX** and hydroxyethylcellulose. **SOLAGUM™ AX** leaves a soft film on the skin.



* Natural origin content according to ISO 16128, result without fragrance, preservatives, colorants
** Amount of water or readily biodegradable ingredients presents in mixture, data from OECD tests, QSAR calculations, products SDS and literature. % without fragrance, preservatives, colorants.

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* Our stability protocols are available at your request.

Formula

Formula		
A	Aqua /Water Hydroxyethylcellulose SOLAGUM™ AX	Qs 100.00% 1.00% 1.00%
B	ORAMIX™ CG 110 PROTEOL™ APL EF ORAMIX™ NS 10 Benzyl Alcohol (and) Benzoic Acid (and) Dehydroacetic Acid (and) Tocopherol Fragrance AQUAXYL™	5.00% 5.00% 7.00% 1.00% 0.10% 1.50%
C	Prunus amygdalus dulcis (sweet almond) oil EMOGREEN™ L19 FLUIDIFEEL™ EASY	1.00% 1.00% 2.00%

Procedure

LABORATORY SCALE - 200 g

Disperse **SOLAGUM™ AX** and hydroxyethylcellulose in water. Once the gel has properly formed, mix with the rotor stator for 1 minute at 4000 rpm, then add phase B into A and mix again for 4 minutes at 4000 rpm. Place under anchor agitation at 100 rpm. Add phase C ingredients, one by one, while homogenizing between each addition.

Characteristics

Appearance	Light yellow
pH	5.6
Viscosity 1M at RT	22 300 mPa.s Brookfield S4S6
Viscosity 1M at 45°C	10 700 mPa.s Brookfield S4S6
Viscosity recovery at RT (after 1M at 45°C)	19 800 mPa.s Brookfield S4S6
Stability*	Stable 1M at RT, 45°C and in thermal cycles from -5 to 40°C Stable with centrifugation (3 000 rpm, 20 minutes)

Raw materials from SEPPIC

SOLAGUM™ AX

Acacia Senegal Gum and Xanthan Gum

Combination of natural thickening polymers. Eco-friendly product developed in accordance with sustainable development. Can be used with hot or cold process. Ecocert and Natrue approved.

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. Ecocert, Cosmos and Natrue approved.

PROTEOL™ APL EF

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.

ORAMIX™ NS 10

Decyl Glucoside

Very well-tolerated surfactant from vegetal origin, This gentle cleanser provides an abundant, stable foam. Cosmos, Ecocert and Natrue approved.

AQUAXYL™

Xylitylglucoside and Anhydroxylitol and Xylitol

AQUAXYL™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted, water circulation is improved in all skin layers and water loss is reduced (*in vitro* and *in vivo* tests prove this efficacy). It's mechanism of action has been validated by cosmetogenomics. Cosmos and Natrue approved.

EMOGREEN™ L19

C15-19 Alkane (Plant-based & Renewable)

EMOGREEN™ L19 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue. It gives a fresh and 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...).

FLUIDIFEEL™ EASY

Lauryl Glucoside and Myristyl Glucoside and Polyglyceryl-6 Laurate

Glycolipidic O/W sustainable emulsifier, from 100% vegetable origin and MB certified (BVC-RSPO-1-1972708497). Processable at room temperature for time and energy savings. Sprayable and able to efficiently stabilize low and very low viscosity formulations (serum, lotion, mask, wipes, spray...). It gives light textures, for a nude skin sensation, comfortable and soft.

Other raw materials...

- Schülke & Mayr
- Benzyl Alcohol (and) Benzoic Acid (and) Dehydroacetic Acid (and) Tocopherol : **EUXYL K 903**
- Other suppliers
- Hydroxyethylcellulose : **Natrosol 250H (ASHLAND)**
- Prunus amygdalus dulcis (sweet almond) oil : **Sweet Almond Oil (BERTIN)**
- Fragrance: Neutrophile (**Expressions Parfumées**)