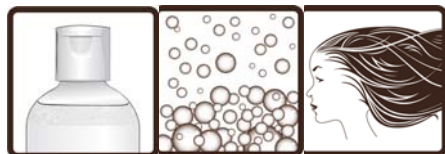


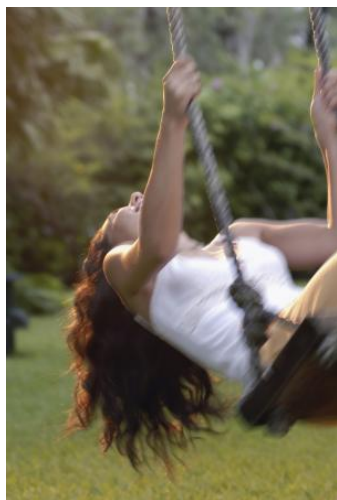


EU07087

BIO-ENERGIZING SHAMPOO



- Clear liquid shampoo
- Packaging: bottle
- Green concept shampoo
- Sepitonic™ M3 tones up and revitalizes hair
- Lipacide™ C8G gently purifies the hair and scalp and Aquaxyl™ reinforces it with moisture!



Formula

A	Aqua/Water	30,00 %
	LIPACIDE™ C8G	0,90 %
	Sodium Hydroxide	Up to pH=5,5
B	Aqua/Water	Up to 100 %
	Ammonium Lauryl Sulphate	10,00 %
	AMONYL™ 380 BA	14,20 %
C	Citrus Aurantium Dulcis (Orange) Fruit Water	10,00 %
	Glycerin and Benzyl Alcohol & Benzoic Acid and Sorbic Acid	0,50 %
	AQUAXYL™	1,50 %
	SEPITONIC™ M3	1,00 %
	Citrus Medica Limonum Oil	0,30 %
D	Sodium Chloride	2,00 %

Procedure

(Pilot – Trimix – 5Kg)

Heat the water of phase A to 85°C, add Lipacide™ C8G and Sodium Hydroxide. Stir until the Lipacide C8G is well solubilized.

Add the water of phase B stir well and add the surfactants. When the mixture is homogeneous, add phase C ingredients in order listed. Mix well and add the salt to thicken the formula.

Characteristics

Appearance	Clear liquid
pH	5.60
Viscosity at RT	5,820 mPa.s BROOKFIELD LV3 sp.6
Viscosity after 1 month at 45°C	4,760 mPa.s BROOKFIELD LV3 sp.6
Viscosity recovery at room temp. (after 1 month 45°C)	5,300 mPa.s BROOKFIELD LV3 sp.6
Stability	> M1 at RT and 45°C M1 after freeze-thaw cycles -5 / +40°C

Raw materials from SEPPIC

LIPACIDE™ C8G

Capryloyl Glycine

Lipacide™ C8G is a glycin biovector and skin acidifying agent which protects the skin and enables to maintain its ecosystem. It also protects cosmetic products by increasing the microbiological stability of low-preservative formulas.

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 and water loss is reduced (in vitro and in vivo tests prove this efficacy).

SEPITONIC™ M3

Magnesium Aspartate and Zinc Gluconate and Copper Gluconate

Multimineral chrono-energizer. Its zinc, copper and magnesium content contributes to stimulate cells by increasing their energetic profile (Pyruvate, ATP) and overall metabolism (DNA, proteins). Ideal for tired scalp, Sepitonic™ M3 gives the elements needed for cell dynamism and the maintenance of skin function.

AMONYL™ 380 BA

Cocamidopropylbetaine

Co-surfactant which gives a particularly fine and stable foam over time. Combined with Sodium Lauryl Ether Sulphate, it facilitates the thickening of surfactant systems.

Other raw materials...

- Ammonium Lauryl Sulphate: **Sulfetal LAD (Zschimmer & Schwarz GmbH)**
- Citrus Aurantium Dulcis (Orange) Fruit Water: **Extrait Originel Orange Bio (GATTEFOSSE)**
- Glycerin and Benzyl Alcohol & Benzoic Acid and Sorbic Acid: **Rokonsal BSB-N (ISP)**
- Citrus Medica Limonum Oil: **Huile essentielle de Citron Italie (CHARABOT)**
- Sodium Hydroxide: **aqueous solution at 48%**

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