

GELTRAP MOISTURIZING HAIR CREAM



- **Packaging:** Jar
- **Appearance:** White Cream
- **GELTRAP™ patented technology creates a fantasy formula with an extremely smooth texture.**
- **EASYNOV™ allows for a cold process emulsion.**
- **AQUAXYL™ seals in moisture for longer, stronger hair!**
- **Combination of Lipacide C8G and UG gives multiple functions: participate to soothe your scalp, combat dandruff, control oil, could help fighting hair loss and protect formula. Both actives are Ecocert.**
- **SEPIMAX™ ZEN helps stabilize the formula while also providing slip and smoothness on dry hair.**

Usage: leave-on product after shampoo



AS40028-1208

Formula

A	EASYNOV™	2.50%
	Coconut oil	8.00%
	Tetradibutyl pentaerithrityl hydroxyhrocinnamate	0.05%
	Dimethicone/Cyclopentasiloxane	1.00 %
	Fragrance	0.40%
	SEPICIDE™ HB	1.00%
B	D.I. Water	Up to 100%
	Glycerine	6.00%
	EDTA-Naz	0.05%
	SEPImax™ ZEN	1.50%
C	AQUAXYL™	2.00%
	D panthenol	0.50%
	Tocopherol	0.05%
	Polyester-11	0.40%
D	Lipacide UG	0.15%
	Lipacide C8G	0.10%
	NaOH (30%)	0.20%
	D.I. Water	5.00%

Procedure

Lab trial – 200g

Prepare part B until it is homogenous with deflocculator. Add mixed well phase A onto phase B, stir the emulsion with anchor 75rpm for 1min, and then increase to 400rpm for 9mins. Neutralize Lipacide with NaOH in hot water with magnetic stir and cool down. Introduce part C&D and stir at 300rpm for another 10mins.

Characteristics

• Appearance	White cream
• Type	W/O
• Viscosity 1M at RT	20,000 mPa.s BROOKFIELD LV64 6rpm
• Viscosity after 1M at 45°C	16700 mPa.s BROOKFIELD LV64 6rpm
• Viscosity recovery at RT (after 1M at 45°C)	16700 mPa.s BROOKFIELD LV64 6rpm
• Stability	M3 Stable at RT / 45° C/-18°C Stable after 1 month of freeze/thaw -5/40°C

Raw materials from SEPPIC

EASYNOV™

Octyldodecanol and Octyldodecanol Xyloside and PEG30-Dipolyhydroxystearate

EASYNOV™ is a liquid lipophilic emulsifier. Thanks to its liquid form, the emulsions can be prepared by a cold process.

SEPIMAX™ ZEN

Polyacrylate Crosspolymer-6

Powder polymer with a MAXIMUM resistance to electrolytes thanks to its high associative behaviour. Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling: rich, velvety and elegant. It is now possible to formulate transparent aqueous gels, cream-gels and emulsions with any kind of active ingredients and to achieve ZEN !

LIPACIDE™ C8G

Capryloyl Glycine

A glycine biovector and skin acidifying agent, it protects the skin and helps maintain its ecosystem. It also protects cosmetic products by increasing the microbiological stability of formulas with a low preservative content. **Validated by ECOCERT®**

LIPACIDE™ UG

Undecylenoyl Glycine

A seboreregulator and protector of the ecosystem, LIPACIDE™ UG helps improve dandruff conditions through its double soothing and antifungal action. It also protects cosmetic products by increasing the microbiological stability of formulas with a low preservative content. **Validated by ECOCERT®**

AQUAXYL™

Xylitylglucoside and Anhydroxylitol and Xylitol

Thanks to a harmonization of moisture flow, 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.

SEPICIDE™ HB

Phenoxyethanol/methylparaben/ethylparaben/propylparaben/butylparaben

Preservative.

Other raw materials...

- Coconut oil: Coconut oil (Parachute)
- Tetradibutyl pentaerithrityl hydroxyhrocinnamate: Grand 60 (ADEKA)
- Dimethicone/Cyclopentasiloxane: KF9014 (Shin Estu)
- Polyester-11: Kerazynne (Inolex)
- D panthenol: D panthenol (Dow)
- Tocopherol : Tocopherol (DSM)
- Fragrance: lemon oil (Firmenich)