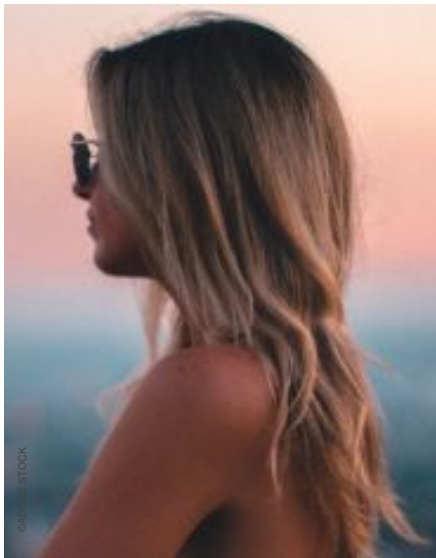




HAIR CARE

# EU07448A | HAIR CONDITIONING GELTRAP™

## Surprising gel-in-oil texture



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

**GELTRAP™: patented conditioning effect**

Detangle the hair

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

|          |  |  |
|----------|--|--|
| <b>A</b> | Aqua/Water<br><b>SIMULQUAT™ HC 305</b><br>Glycerin   | Up to 100%<br><b>1.45%</b><br>2.00%              |
| <b>B</b> | Triethanolamine  | Up to pH-5                                       |
| <b>C</b> | <b>EASYNOV™</b><br>Olea Europea (Olive) Fruit Oil<br>Caprylic/Capric Triglycerides<br>Phenoxyethanol - Ethylhexylglycerin<br>Fragrance | <b>2.50%</b><br>1.00%<br>9.00%<br>1.00%<br>0.20% |

**Compact Glossy White Emulsion / Packaging: Tube**

**pH:** - 5,0

**VISCOSITIES: 1M at RT:** 64,000 mPa.s Brookfield LV4-6 /

**Recovery at RT (after 1M at 45°C):** 66,000 mPa.s Brookfield LV4-6.

**STABILITY:** 1M at RT & 45°C.

**FORMULATION ADVICES: Laboratory scale - 300 g**

Add **SIMULQUAT™ HC 305** into water and glycerin, mix with defoculator until the gel is homogeneous. Adjust pH to 5 with Triethanolamine. Weigh and mix ingredients of phase C. Add phase C to A+B and mix slowly, then increase the speed and mix for 10 min.



**COLD PROCESS**

**This hair conditioner GELTRAP™ has a trendy fresh, light & cushion texture inspired by skin care.**

**GELTRAP™ texture makes the conditioner easy to apply, detangles & nourishes hair without weighing it down.**

**The conditioning effect of GELTRAP™ has been patented: the texture helps to detangle hair from the roots to the tips. The detangling force is homogeneous along the hair strand.**

**GELTRAP™ texture is created with the combination of EASYNOV™ & SIMULQUAT™ HC 305.**

**EASYNOV™** (Octyldodecanol - Octyldodecyl Xyloside - PEG-30 Dipolyhydroxystearate):

**Liquid lipophilic emulsifier.** It realizes **emulsions with an internal gelled aqueous phase extra-rich in water** by a **cold process** with gentle stirring: the GELTRAP™ emulsions. This novel formulation form offers **surprising textures, marrying freshness & cushion effect.**

**SIMULQUAT™ HC 305**

(Acrylamidopropyltrimonium Chloride/Acrylates Copolymer - Isohexadecane - coceth-7):

A **pre-neutralized, cold processable, inverse emulsion, cationic liquid polymer with excellent stabilizing & thickening properties.** It brings a **silicone-like feel** to formulations and creates sprayable to thick textures, ideal for hair conditioners & treatments.

*Only 13 INCI names in this Minimalist formula!*

**ADDITIONAL INGREDIENTS:** Phenoxyethanol - Ethylhexylglycerin: EUXYL PE9010 (SCHÜLKE & MAYR) / Olea Europea (Olive) Fruit Oil: HUILE OLIVE RAFFINÉE (IES LABO) / Caprylic/Capric Triglycerides: TRIGLYCERIDES 5545 (STEARINERIE DUBOIS) / Fragrance: DELICE FIGUE (TECHNICO FLOR).

**A formula related to Minimalist concept**

More informations available on [seppic.com](http://seppic.com)

**SEPPIC**

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**Air Liquide**  
HEALTH CARE

A company