



HAIR CARE

# EU07485A | NATURAL TRI-PHASE OIL

## Hair treatment - Formulated without silicones



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Multiple  
TextureNATURALITY  
PROFILE  
according to  
ISO 16128 norm

Natural Tri-phase Oil

Formulated without silicone oils

Moisturizing

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

<b>A</b>	<b>EMOGREEN™ L15</b>	<b>49.60%</b>
<b>B</b>	Ricinus Communis (Castor) Seed Oil	20.00%
	<b>FLUIDANOV™ 20X</b>	<b>0.025%</b>
	Benzyl Alcohol - Benzoic Acid -	0.50%
	Dehydroacetic Acid - Tocopherol	0.40%
	Fragrance	0.40%
<b>C</b>	Aqua/Water	Up to 100%
	Sodium Chloride	0.05%
	<b>XYLISHINE™</b>	<b>3.00%</b>
	Colorants (1% dilution)	0.05%

With WESOURCE

### Clear orange/beige/transparent Tri-phase



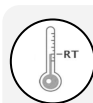
#### Packaging: Bottle

(a flow control packaging is advised for the right usage of fluid formula)

**VISCOITIES: 1M at RT:** < 100 mPa.s Brookfield LV4-6 /**STABILITY:** 1M at RT, 45°C.

#### FORMULATION ADVICES: Essai laboratoire - 300 g

Prepare the 3 phases separately by mixing with a spatula. In a separated beaker, Add the requested quantity of each phase, starting with the aqueous phase C, then add polar oil phase B, then finish with phase A.

COLD  
PROCESS

**Ratio oily/aqueous phases:**  
**oily phase 70% & aqueous phase 30%.**  
*(superior phase: non polar oil, intermediate phase: polar oily phase, inferior phase: aqueous phase)*

**EMOGREEN™ L15<sup>(1)</sup> & Castor Oil<sup>(2)</sup>** are easy to separate because it is almost not miscible. The solubility limit is exceeded (90<sup>(1)</sup>/10<sup>(2)</sup>) in order to get both oily phases separated.

**EMOGREEN™ L15** decreases the greasy & the rich skinfinish of the castor oil, known for its fortifying & nourishing properties. It decreases also the oxidation formula risks. (C15-19 Alkane\*) (\*Natural & Renewable)

Non polar & biodegradable, bio-sourced emollient. It's THE alternative to silicone oils. This high purity vegetable alkane gives a **fresh & 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...).

**FLUIDANOV™ 20X** dose is optimised to give clear separation between the oily/aqueous interface without emulsifying the phases.

(Octyldodecanol - Octyldodecyl Xyloside)

**"EAS'EMOLLIENT"** from original xylolipidic emulsifier, extra-fluid, easy-to-use. It is a smart emollient: texturing effect in cream gels, it will also contribute to **stabilize W/O emulsions & to improve skin feeling**.

**XYLISHINE™** shines & strengthens the hair. It contains some sugars, ie. glycols with short chains, giving a more defined interface to the formula.

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

It **moisturizes & repairs the hair**, helps to maintain the **deep hydration** of the hair & **protects the fiber**. In-vivo tested on Caucasian or Brazilian hair, the natural sugars of vegetal & marine origin make the hair **glossy & soft**. #Bio-Inspiration.

**Tips:** a low amount of salt NaCl allows to obtain larger water droplets because it breaks water OH liaisons. Water is re-separating quicker with a clear interface after mixing.

**ADDITIONAL INGREDIENTS:** Benzyl Alcohol - Benzoic Acid - Dehydroacetic Acid: EUXYL K903 (SCHÜLKE & MAYR) / Fragrance: ORANGE MANDARINE NATCO (EXPRESSIONS PARFUMÉES) / CI 16035: RED 40 (SENSIENT LCW) / CI 19140: YELLOW 8006J (SENSIENT LCW) / Ricinus communis (Castor) seed oil: Castor Oil (SOPHIM).

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

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