



## **EMotion Light** The new horizon

Light and soft emollient ester

Unique & innovative  
high-technology

Eco-friendly process from  
renewable EU raw materials

Interesting skin-feel revealing  
its natural origin

Sustainable & biodegradable

Integrated bio-refinery

Respecting Nagoya protocol

Safe & dermo-compatible



[www.roelmihpc.com](http://www.roelmihpc.com)



# EMotion Light

INCI (worldwide): C8-C12 Acid Triglyceride

INCI (EU, US): Tripelargonin

## ✔ EMotion Light: the biodegradable ester based on renewable European crops



EMotion Light is readily biodegradable, according to OECD 301 method

EMotion Esters, the brand-new line of innovative and renewable natural esters from ROELMI HPC's long-term experience in health & personal care ingredients.

Focused on sustainability and eco-responsibility, EMotion Esters represents the new driver of innovation.

They are high added-value products manufactured through low-impact processes.

## ✔ EMotion Light: performance & sensorial dossier

EMotion Light Ester's cosmetic performances, in comparison with Caprylic/Capric Triglyceride, have been successfully measured:

- ✔ *Pigments dispersion*: better flowability, film uniformity and gloss effect. 30% less solvent used
- ✔ *UV filters dispersion*: better and faster dispersion of physical filters (Titanium Dioxide, Zinc Oxide)
- ✔ *Anhydrous formula*: comparable performances in body care, hair oil and lipstick

EMotion Light in compact powders: good binding capacity of Talc already at 2%, giving dry and pleasant touch on the skin.

Emulsions: 7% EMotion Light Hydrating Cream vs. same formulation with 7% Ethyl Hexyl Stearate.

- ✔ Higher softness
- ✔ Smoothness
- ✔ Absorption rate

## ✔ REACH (EU regulation): complies

### ✔ Applications:

- ✔ Skin, sun & body care (emulsion - milk & cream, body oil, lotion & serum)
- ✔ Toiletries (hair mask, conditioning, shampoo)
- ✔ Make-up (lipstick, lipbalm, mascara, compact powder)

Pigment dispersion	Wp (g)	Fp (g)
Caprylic/Capric Triglyceride	60.00	130.00
Tripelargonin	60.00	100.00

Flow point (Fp) significantly close to the Wet point (Wp), demonstrating dispersion properties even better than those of Caprylic/Capric Triglyceride

