



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



EMotion Light

INCI (worldwide): C8-C12 Acid Triglyceride

INCI (EU, US): Tripelargonin

EMotion Light: the biodegradable ester based on renewable European crops



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 mesured:

- ✓ 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

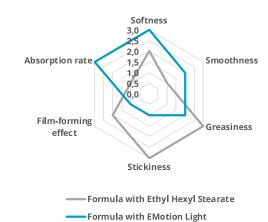
EMotion Light in compact powders: good binding capacity of Talc already at 2%, giving dry and pleasant touch on the skin.

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

- ✓ Higher softness
- Smoothness
- Absorption rate

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



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)