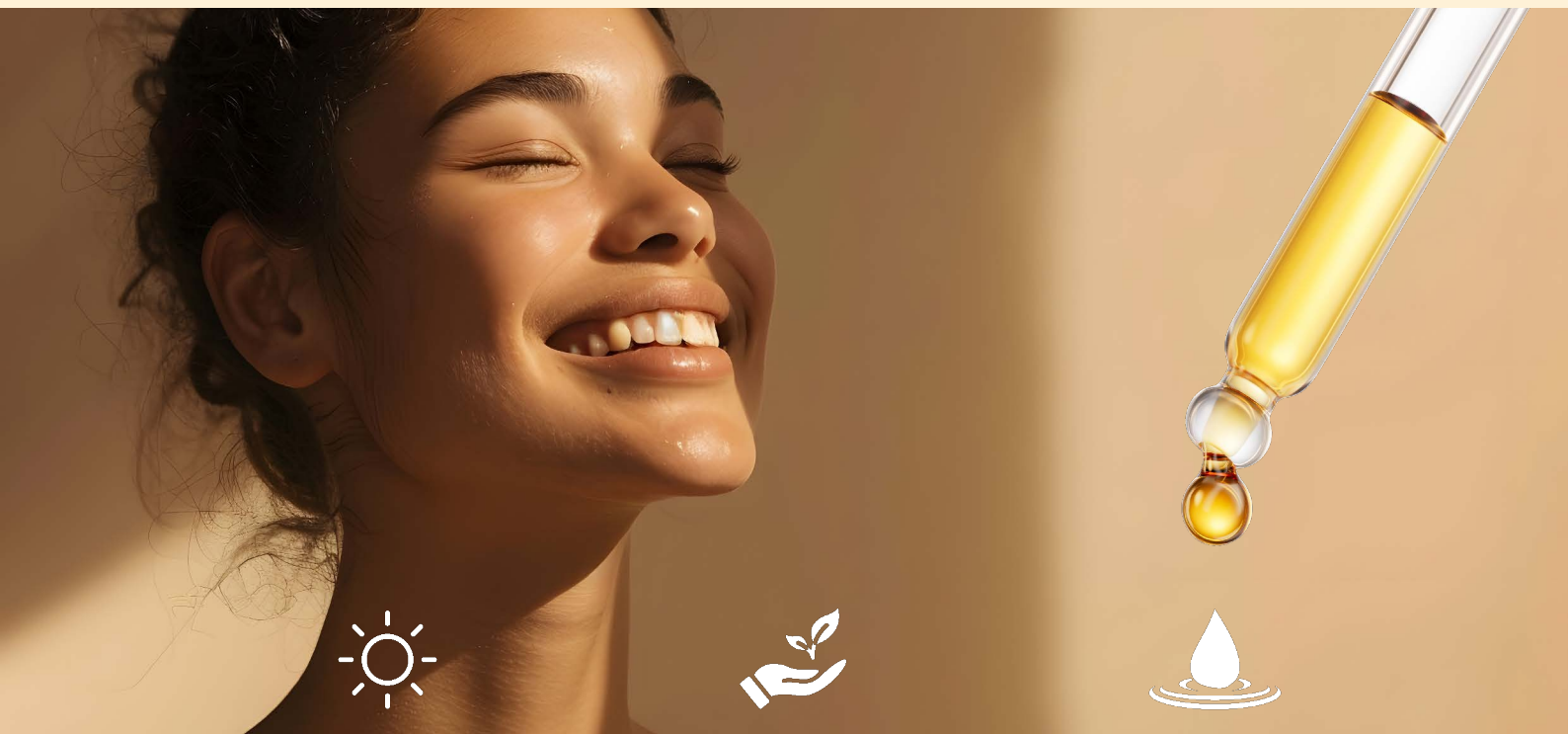




ITERG

EstoLight

A concentrate of innovation
for your formulations



Enhanced protection



Natural cosmetics



Optimized performance

EstoLight, multifunctional ingredients for your formulas :

- ▶ Very easy to use and adapted to natural cosmetic trends.
- ▶ Improve pigment dispersion for homogeneous textures.
- ▶ Increase sun protection (SPF boost).
- ▶ Compatible with advanced applications such as sunscreens and eco-responsible skincare.



EstoLight are estolides derived from plant oils, patented by ITERG. These naturally-derived products are very easy to handle, increase sun protection (SPF Boost) and effectively disperse mineral fillers, while ensuring good sensoriality.

They are an excellent choice for high-performance, eco-friendly cosmetics.

KEY PERFORMANCES & BENEFITS

Innovation for cosmetics formulators

Ready-to-use product

- ▶ Estolight-1E is liquid and very easy to use by formulators.
- ▶ Promotes a pleasant and soft texture.

Improved dispersion and homogeneity

- ▶ Improves dispersion of mineral and organic UV filters for EstoLight-1AH.
- ▶ Allows homogeneous and fluid spreading of suncare and color cosmetics.

Optimized sun protection

- ▶ SPF Boost effect: increases UV protection for EstoLight-1E.
- ▶ Maintains SPF after immersion (Water Resistance).

Commitment to naturality and eco-responsibility

- ▶ Natural Origin Index > 99% for EstoLight-1E and EstoLight-1AH.
- ▶ Compatible with Organic Cosmetics.



TECHNICAL EVALUATIONS

Proven effectiveness for high-performance formulas

Trade Name		EstoLight-1E	EstoLight-1AH	Commercial reference
INCI		Methyl Polyricinoleate	Polyhydroxystearic acid (PHS)	Polyhydroxystearic acid (PHS)
Aspect		Liquid	Semi-solid	Semi-solid
Pigment base (50% pigments)	% of use	3-5%	3-5%	3-5%
	Easy to disperse	High	Very high	High
Emulsions with mineral sunscreens (W/O) or with organic sunscreens (O/W)	Boost SPF	Boost	No Boost	/
	Aspect	Smooth and fluid	Smooth and thick	Smooth and thick
Benefits / commercial reference		• Easy to apply (liquid) • SPF booster • Fluid formulations	• Very high load dispersal capacity	/

Certifications - Approvals-ITERG

- ▶ Referenced as training provider under n°72.33.P0199.33
- ▶ Pressing of organic seeds is certified by Ecocert Greenlife according to COSMOS standard.
- ▶ Refining and deodorization of organic raw materials are certified by Ecocert Greenlife according to COSMOS Standard.
- ▶ Hydrogenation of organic raw material is certified by Ecocert Greenlife according to Cosmos standard.
- ▶ Good manufacturing practices - cosmetics - certified ISO22716:2007.



**Contact us for a sample
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