

OLIVOIL

GLUTAMATE

EMULSIFIER

>> VEGETABLE EMULSIFIER FOR SILICON LIKE EMULSIONS

PATENTED O/W EMULSIFIER TO BUILD LIQUID CRYSTALS EMULSIONS

Olivoil Glutamate Emulsifier is a vegetable derived anionic emulsifier able to build dermo compatible liquid crystals emulsions.

It is composed of active ingredients as **olive oil fatty acids** (containing skin friendly unsaturated fatty acids, among which oleic and linoleic acid) and **glutamic acid**, able to provide a unique *silicon like texture, immediate tensor effect, skin emolliency and barrier function restoring to promote a long lasting hydration and keep the homeostasis of the hydrolipidic film.*

Olivoil emulsifiers are self-emulsifying bases able to build emulsions of different types (emulsion with high and low viscosity, butters, hyper fluid creams, lotions, sprays, foundation and sunscreens loaded with pigments and minerals, emulsions for roll-on, mascara etc.), with a unique composition and a patent relying on the use of olive fatty acids in combination to protein derivatives.

>> POSITIONING

FUNCTIONAL AND TECHNOLOGY HIGHLIGHTS

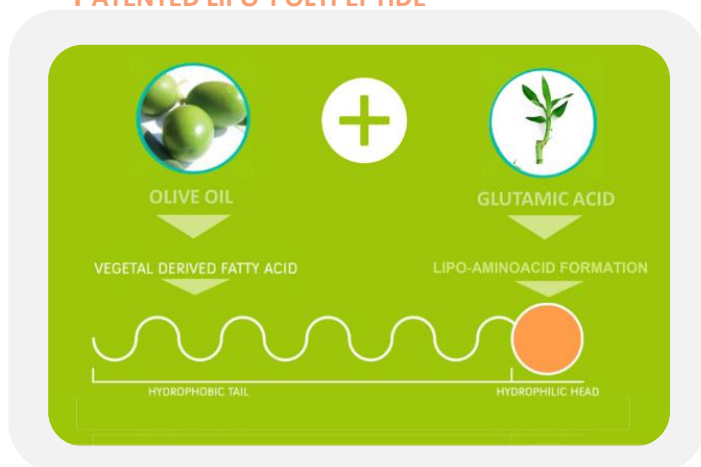
- PEG & Sulfate free
- Vegetable origin, sustainable sourcing
- Skin barrier restoring for a time prolonged skin moisturization
- Immediate tensor effect silicon like texture and emollient after feel
- Lamellar liquid crystal emulsion builder: dermo compatibility, time prolonged actives release
- RSPO certified version available *
- Proven efficacy in vivo tested
- Ideal for sensitive skin, soothing and baby care applications



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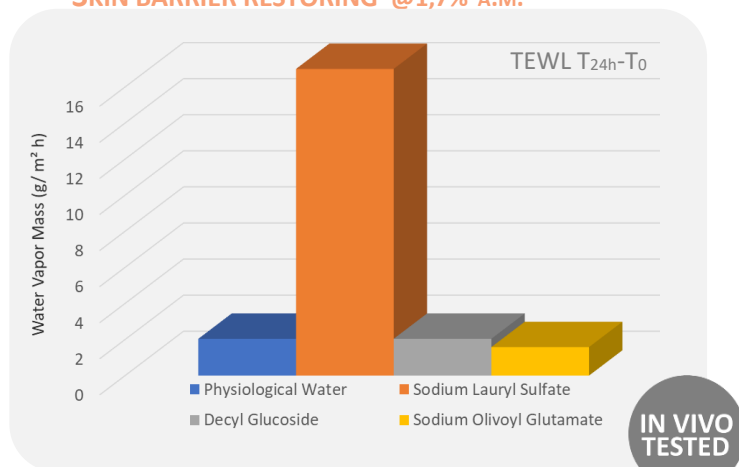


PATENTED LIPO-POLYPEPTIDE



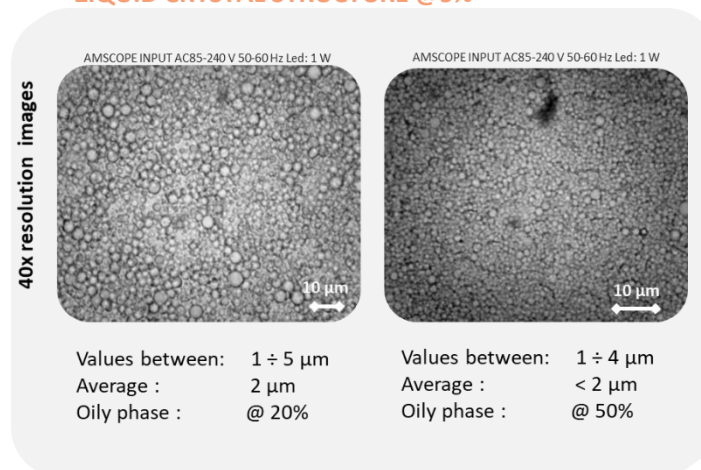
Olivoil Glutamate is a patented anionic lipo-aminoacid, containing emollient olive oil unsaturated fatty acids and glutamic acid.

SKIN BARRIER RESTORING @1,7% A.M.



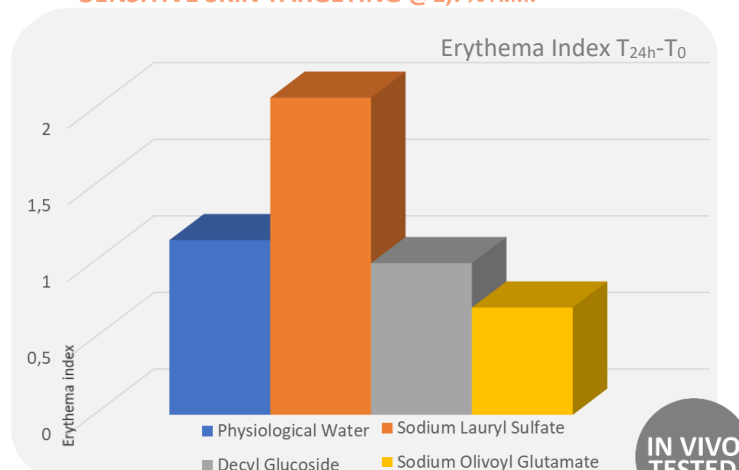
Olivoil Glutamate lipoaminoacid shows TEWL values lower than physiological water and mild benchmark, with unique moisturizing features.

LIQUID CRYSTAL STRUCTURE @5%



OG emulsions are micron sized systems where the oily phase is finely dispersed, to promote dermo compatibility and silicon texture.

SENSITIVE SKIN TARGETING @1,7% A.M.



Olivoil Glutamate shows erythema index value lower than physiological water and mild benchmarks. Ideal for sensitive skin applications.

>> TECHNICAL OVERVIEW

| PH OF USE | % OF USE | APPLICATIONS | SOURCING | FORMULATION TIPS |
|-----------|--|--|-----------|---|
| 5.5 ÷ 8.0 | 1.0 ÷ 10.0 (depending on viscosity and texture desired) | Creams, gels, butters, spray, roll-on deo, foundation, mascara, sunscreens | Vegetable | Indirect or direct emulsification technique |

[INCI NAME : sodium olivoyl glutamate, glyceryl stearate, cetearyl alcohol, aqua]