

OLIVOIL

GLUTAMATE EMULSIFIER G-PF

>> PALM FREE EMULSIFIER FOR SILICON LIKE EMULSIONS

PATENTED O/W EMULSIFIER TO BUILD LIQUID CRYSTALS EMULSIONS

Olivoil Glutamate Emulsifier G-PF 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 Glutamate emulsifier G-PF is a self-emulsifying base 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 **PALM FREE composition**, and a patent relying on the use of olive fatty acids in combination to protein derivatives.

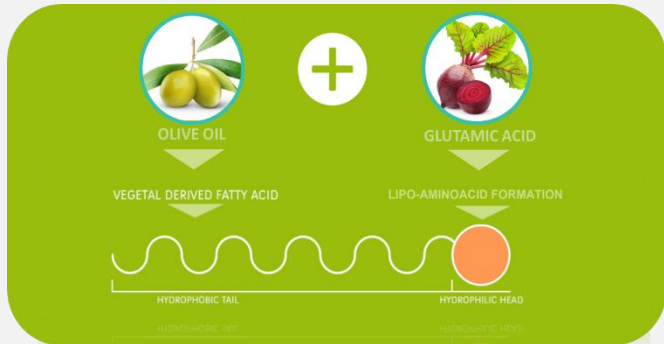
>> POSITIONING

FUNCTIONAL AND TECHNOLOGY HIGHLIGHTS

- 100% PALM AND KERNEL PALM OIL AND PRESERVATIVES FREE
- PROTECTION OF ENDANGERED SPECIES ECOSYSTEM AND DEFORESTATION PREVENTION
- PEG & Sulfate free
- 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
- Proven efficacy in vivo tested
- Ideal for sensitive skin, soothing and baby care applications

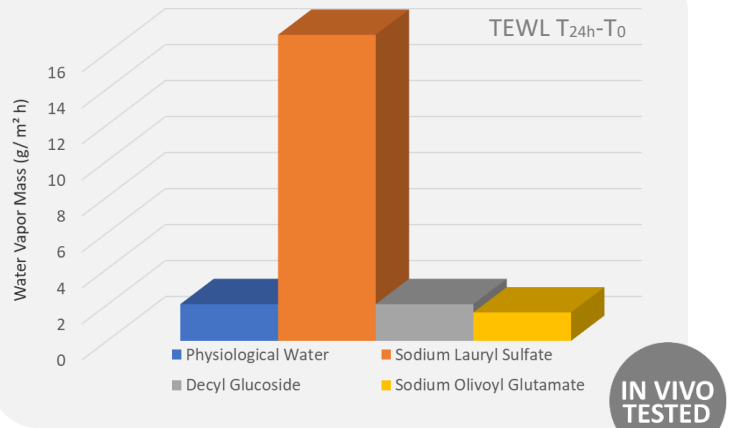


PATENTED LIPO-AMINOACID



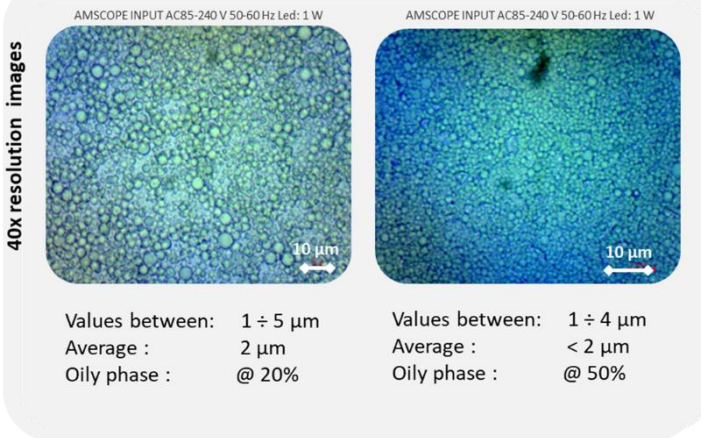
Olivoil Glutamate is a patented anionic lip amino acid, containing emollient olive oil unsaturated fatty acids and glutamic acid.

SKIN BARRIER RESTORING @1,7 A.M.



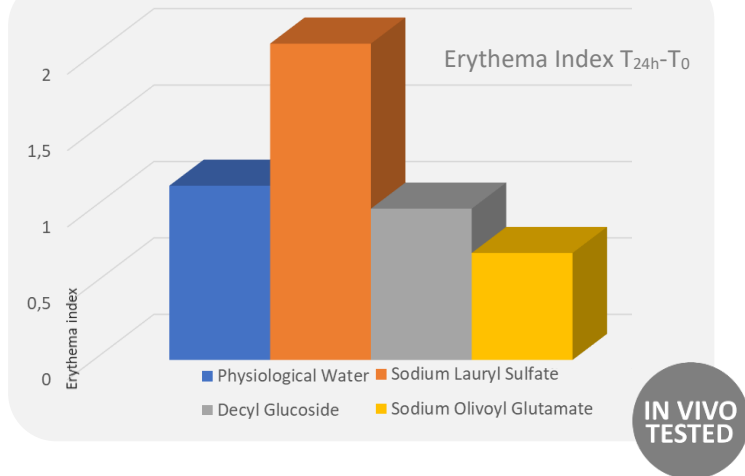
Olivoil Glutamate lip amino acid shows TEWL values lower than physiological water and mild benchmark, with unique moisturizing features.

LIQUID CRYSTAL STRUCTURE @5%



OG emulsions are micron sized systems where the oily phase is finely dispersed, to promote dermocompatibility 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 (PALM FREE)	Indirect or direct emulsification technique

[INCI NAME : sodium olivoyl glutamate, glyceryl stearate, glyceryl oleate glyceryl stearate citrate, stearic acid, behenyl alcohol, aqua]