

OLIVERICE

>> VEGETABLE MILD SURFACTANT

PATENTED OLIVE OIL FATTY ACID & RICE POLYPEPTIDES BASED SURFACTANT

Oliverice is a vegetable derived anionic surfactant able to build dermo-compatible cleansers and rinse off products, working as a **new generation “surf-active”**.

It is composed of active ingredients as **olive oil fatty acids** (containing skin friendly unsaturated fatty acids, among which oleic and linoleic acid) and **rice polypeptides**, able to provide a gentle and effective cleansing action, skin emolliency and barrier function restoring to promote a long lasting hydration and keep the homeostasis of the hydrolipidic film, even when used in presence of sulfates/sulfonates. Ideal for hair care application too, given the abundance of arginine (NO donor) and methionine (hair shaft building block) in rice peptide composition.

Olivoil surfactants can be used both as primary and secondary surfactants (benefits were proven even at very low amount of use, starting from 2%) and are ideal for the development of transparent end-products for sensitive skin, baby care, hair care and many other rinse-off applications.

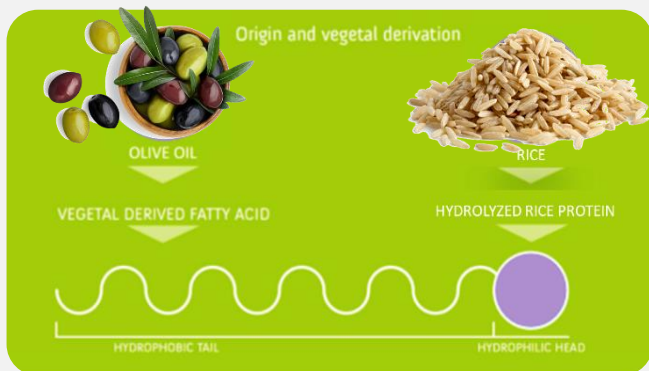
>> POSITIONING

FUNCTIONAL AND TECHNOLOGY HIGHLIGHTS

- **PEG & Sulfate free**
- Vegetal origin, sustainable sourcing, based on active ingredients (olive oil and rice protein derived)
- Skin barrier restoring for a time prolonged skin moisturization, hair shaft nourishment
- Emollient after feel, foam building/boosting
- **Palm free**
- **Proven in vivo efficacy in TEWL reduction and tolerability against skin irritation**
- Ideal for sensitive skin, soothing, baby care applications, advanced hair care treatments

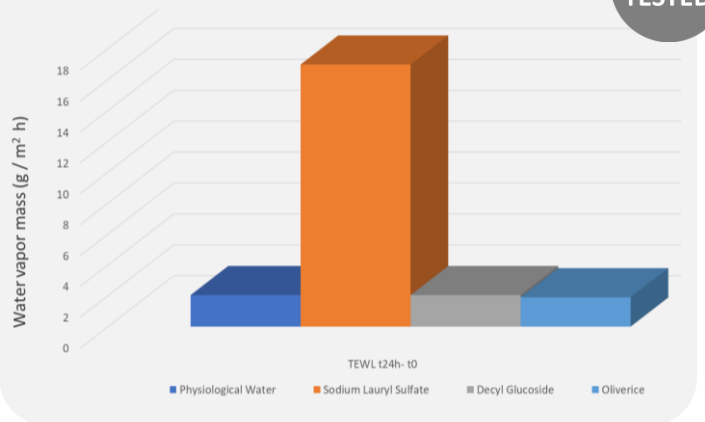


PATENTED LIPO-POLYPEPTIDE



SKIN BARRIER RESTORING & HYDRATION @5% a.m.

IN VIVO TESTED

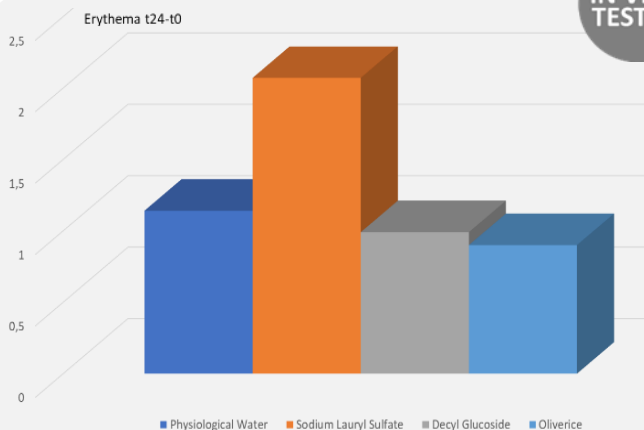


Oliverice is made of a patented anionic lipopolyptide, containing emollient olive oil unsaturated fatty acids and rice polypeptides.

OR lipopolyptide, when included in rinse off systems, is able to keep the skin barrier integrity better than sulfates and mild benchmarks.

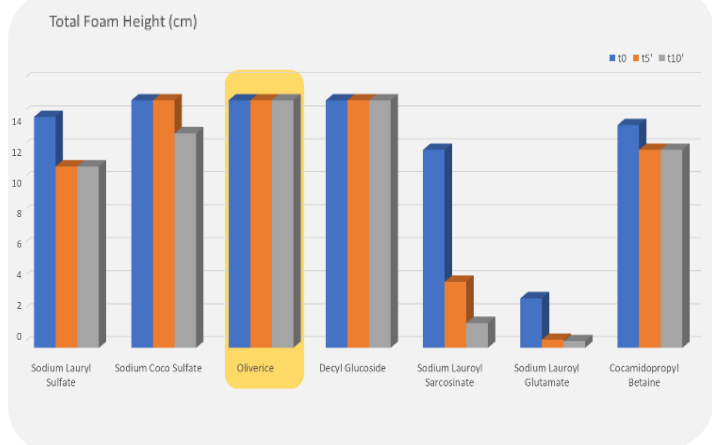
SKIN TOLERABILITY @7% a.m.

IN VIVO TESTED



Oliverice shows hypoallergenic features, proven by in vivo tests, where it displays lower erythema index than sulfates and a mild benchmark.

FOAMING POWER @1,2% a.m.



Oliverice shows a foaming power better than many benchmarks. The foam built has creamy consistency given by small homogeneous bubbles.

>> TECHNICAL OVERVIEW

PH OF USE	% OF USE	APPLICATIONS	SOURCING	FORMULATION TIPS
4.5 ÷ 8.0 (transparent formulations require pH ≥ 5.5)	2.0 ÷ 10.0	All rinse off applications as cleansing active, emollient in leave on products	Vegetable	Add as it is to rinse off products, add in cold process in emulsions

[INCI NAME : potassium cocoyl/olivoyl hydrolyzed rice protein, aqua]