

Polyssan OL

Squalane Substitute

INCI : Olea Europea (Olive) Fruit Oil (and) Olive Oil Polyglyceryl-3 Esters



Bionat Consult R&D team is continuously sourcing in the vegetable world to find alternatives to animal derivatives and hydrogenated products. Animal Squalane has been banned from cosmetics since it is a shark liver derivative, and Vegetable Squalane is not wanted anymore because it is a health-threatening hydrogenated fat.

BIONAT CONSULT is presenting POLYSSAN OL, a **natural and safe alternative to:**

- animal squalane
- hydrogenated vegetable squalane

POLYSSAN OL is an anhydrous lipid presenting the characteristics of squalane: a light texture, a good spreadability and a dry skin feel, as well as the same applications as texturizing agent.

POLYSSAN OL has been developed using our innovative technologies based on olive oil and polyglyceride esters : POLYSSAN OL is 100% from vegetable origin and our process is hydrogenation free.

Technical Information

	Characteristics	Method
Appearance (20°C)	Limpid liquid	Visual
Color	Pale yellow	Visual
Odor	Slight, characteristic	Olfactory
Solubility	Not soluble in Water / Soluble in oils	

Properties and Cosmetic Applications

POLYSSAN OL can be used in a wide range of systems (face care emulsion, cleansing milk, make-up remover oils, massage oils, etc.) and is particularly interesting for its skin feel properties: it is quickly absorbed by the skin, giving a very nice and non greasy skin feel. It exhibits excellent compatibility with all major raw materials as well.

Use level: from 1 to 10%. Benefits:

- Superior wetting ability for pigments&UV Filters
- Increases moisturising and imparts smoothness to skin
- Excellent carrier for wetting pigments and sun filters.
- Increasing shine in lipglosses and lipsticks
- Very good skin feel, soft and dry
- Good base for gentle nourishing face&body oil

Packaging and Storage

Storage: Store in cool conditions (below 25°C) away from light and humidity in unopened containers.

Safety: Refer to MSDS. Not considered hazardous.

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