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OLIVE SQUALANE WAX

PRODUCT DATA SHEET



OLIVE SQUALANE WAX is obtained from *Olea europaea*, title genus of *Oleaceae* family. The olive, originated in the Eastern Mediterranean area, has been cultivated by man since ancient times. Products derived from olive oil are of wide interest in cosmetics as they keep the essential properties and positive effects of olive oil.

OLIVE SQUALANE WAX is a by-product obtained from squalane purification, by means of a cold filtration process, containing at least 30% squalane and different vegetable waxes (mainly pentacosane, heptacosane, nanocosane and hexacosane). **OLIVE SQUALANE WAX** natural vegetable waxes are solid at room temperature, showing a low melting point.

TECHNICAL DATA

Composition: Olive squalane and Natural Olive Oil Unsaponifiables
Appearance: White solid at 20°C

Property	Typical Value
Squalane	> 30%
Melting point	45-50° C
Acidity Value	0.5 % max.
Iodine Value:	4.0 % max.
Saponification Value	4.0 % max.

APPLICATION

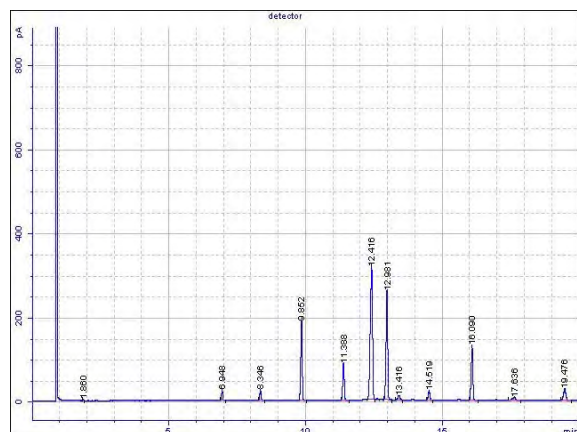


OLIVE SQUALANE WAX main cosmetic function is emollient, protecting skin and preventing moisture loss.

OLIVE SQUALANE WAX can be incorporated in ant-aging creams, lipsticks, hair or skin care products or colour cosmetics.





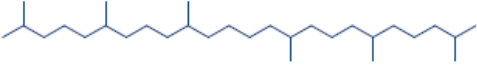

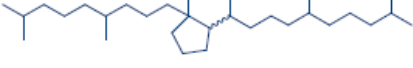




INCI Name: Squalane (and) Hydrogenated Olive Oil Unsaponifiables

OLIVE SQUALANE WAX GAS CHROMATOGRAPHY MASS SPECTROMETRY (GC-MS)*



- Olive Squalane
- Cyclo-squalane
- *n*-Alkanes found in olive oil and other edible vegetable oils¹ and *Apis mellifera* wax (propolis)².

* The chemical composition of each batch could have variations in the percentage distribution of compounds.

1.6%		Tricosane
1.7%		Tetracosane
14.1%		Pentacosane
6.9%		Hexacosane
36.2%		Squalane
21.2%		Heptacosane
1.2%		10(14)-Cyclo-squalane
1.9%		Octacosane
10.9%		Nonacosane
1.1%		Triacontane
3.2%		Hentriacontane

[1] Moreda, W., Perez-Camino, M.C., Cert, A. Gas and liquid chromatography of hydrocarbons in edible vegetable oils. *J.Chromatography A*, **2001**, 936, 159-171.

[2] Negri, G., Marcucci, M.C., Salatino, A., Salatino, M.L.F. Hydrocarbons and monoesters of propolis waxes from Brazil. *Apidologie*, **1998**, 29, 305-314.

OLIVE SQUALANE WAX**CODE** 008491 **SPECIFICATION** **Nº** 00849101

PARAMETERS	SPECIFICATIONS	EDITION - 23/12/2013
% squalane	>30%	
Appereance at 20°C	Solid	
Colour	White	
Melting point	45-50°C	
Acidity Value	max. 0.5	
Iodine Value	max. 4.0	
Saponification Value	max. 4.0	

PACKING**REMARKS**
