

vestan<sup>®</sup>  Squalene  
hydrogenation  
& purification



# Olive squalene

Unmatched support to  
revert Squalene' relentless  
decline in our dermis.  
The best active defence  
against skin damage.  
Naturally.



Since 1984 — vestan.pt

# Olive squalene



**Olive Squalene** is a natural and sustainable ingredient that is 100% olive based is an unsaturated hydrocarbon typically found in human sebum and a variety of other sources with a wide range of applications primarily in personal care. Squalene is found naturally in the human sebum and hence has strong affinity for the human skin, acting as an ideal natural emollient and skin soothing agent and aids in the production of important natural lipids ensuring healthy and youthful skin.

## Generic specifications

### INCI name

Olea Europea (Olive) - Oil Unsaponifiables

### appearance

Oily Liquid

### color

Yellow

### squalene %

92% min.

### acid value

Max 5.0 mgKOH/g

### saponification value

Max 3 mgKOH/g

### Peroxide value

Max 10 meq/k

## Tailored specifications

### % squalene

92%

94%

96%

### cloud Point

<8°C

<4°C

<0°C

### color

Yellow

Yellowish

Light Yellow

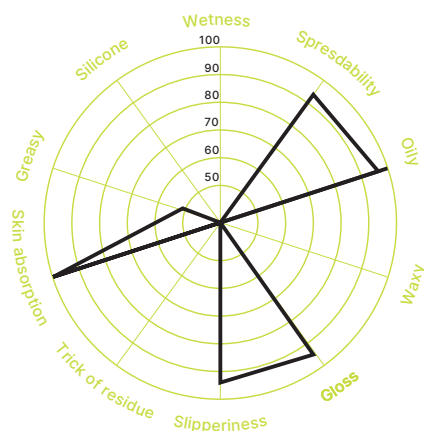
### odor

Typical

Slight

Lower

## Quantitative Sensory Profile (%)



## Manufacturing

Olive Squalene is a perfect example of upcycling. It is derived from the production process of olive oil, specifically from the Free Fatty Acids (FFA). This natural antioxidant, naturally produced by our skin, contains a significant amount of Unsaponifiables and Tocopherols. Olive Squalene is non greasy and is absorbed rapidly into the dermis, creating a moisture barrier and giving the skin a supple quality.

## Key benefits

- Cares intensively for and reduces the roughness of the skin
- An ideal skin care ingredient due to its presence in the skin sebum
- Natural skin protector
- Non greasy without leaving a layer on the skin
- Full and rapid skin absorption
- Creates a moisture barrier and gives the skin a supple quality
- Ideal base for all types of creams and lotions
- Can be used for all skin types
- Excellent for anti aging and wrinkle reduction

## Applications

Cosmetic	Food	Pharma
✓	✓	✗

## Use level and formulation advice

Is recommended a 3 - 100% use level and is compatible with most of the oils

## Certified of origin

Olive Squalane is exclusively derived from a vegetable and olive source. Its 100% vegetable authenticity is proven by the 13C/12C isotope analysis.

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