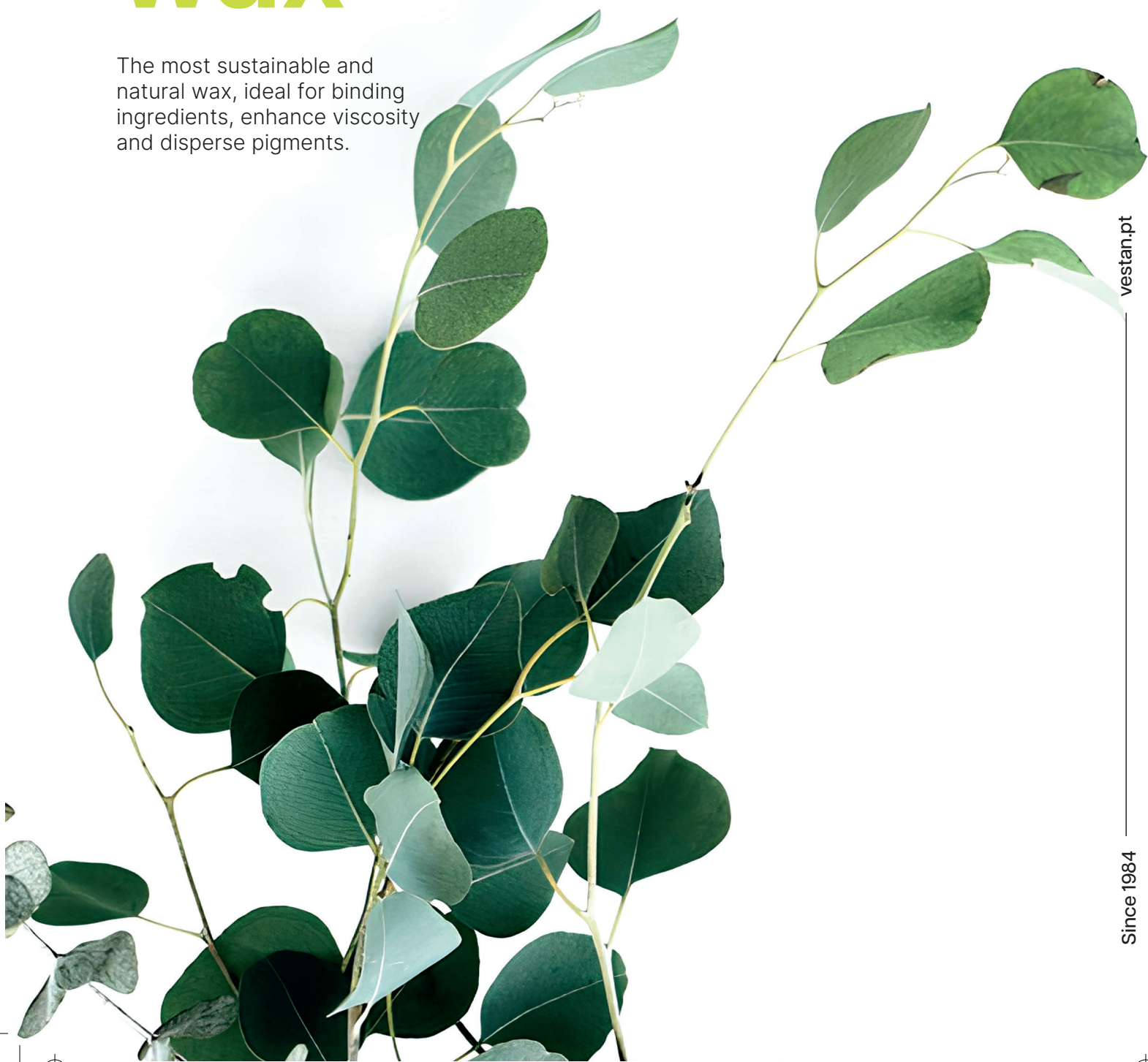


vestan[®]  Squalene
hydrogenation
& purification



Olive squalene wax

The most sustainable and natural wax, ideal for binding ingredients, enhance viscosity and disperse pigments.



vestan.pt

Since 1984

Olive squalene wax



Olive Squalene Wax is a natural and sustainable ingredient that is 100% olive based. This unique product has a discreet, neutral scent and yellowish to green colour. It's a perfect oil binding, perfect to entrap biomimetic and essential nutrients for the skin in its structure. Has excellent pigment dispersion and it is an ideal viscosity enhancer. This abilities, makes it perfect for sun and skin care and make-up applications.

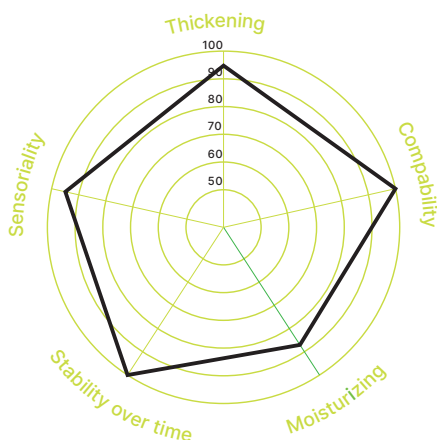
Generic specifications

INCI name	
Olea Europea (Olive) - Oil Unsaponifiables	
appearance	color
Crystalline wax	Chartreuse
squalene %	acid value
Min 15% - 45% (upon customer request)	Max 2.0 mgKOH/g
saponification value	iodine value
Max 10.0 mgKOH/g	Max 180 g I ₂ /100 g

Tailored specifications

% squalene	15%	30%	45%
hardness scale	5	3	1
melting point	50 - 65 °C	40 - 55 °C	30 - 45 °C
solidification point	49 - 64 °C	38 - 53 °C	28 - 44 °C

Product profile



Key benefits

- Excellent compatibility with the skin
- Acts as free radical scavenger and antioxidant
- Structuring role of the stratum corneum
- Thickening and gel-forming properties
- Excellent pigment dispersion

Use level and formulation advice

It's recommended a 3 - 10% use level to be easily introduced in the oil phase with a hot process.

Upcycle sustainable product

Olive Squalane Wax is a perfect example of an "upcycle" product. It's a by-product of the process of production of Olive Squalane. Obtained by physical separation and filtration.

Applications

Cosmetic	Food	Pharma
✓	✗	✗

Composition

Olive Squalene Wax is a mechanical extracted, free of additives and preservatives, with high concentration of Squalene, natural tocopherols, sterol esters, which have amazing interaction with skin metabolism.



This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Vestan makes no warranties, express or implied, as to the information's accuracy, adequacy, esuriency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Vestan's products for its particular application. Nothing included in this information waives any of Vestan's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Vestan products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Vestan.