

# Phytowax

Let yourself be transported  
by your emotions!

A unique natural waxes range, from vegetable sustainable source to enhance your feeling sensations.

## I IDENTITY

Phytowax is a range of natural waxes, sourced from olive, offering unique sensory properties. Range is covering different melting points, making them very convenient for various applications.

7 grades are available:

- POL8L28
  - POL10L40
  - POL12L44
  - POL14L48
  - POL16L55
  - POL18L57
  - PRI22L73\*
- \*This grade is sourced from castor oil

Phytowax offers a great alternative to synthetic waxes/paraffins. 9 grades are available, among which two ORGANIC versions.

## I PROPERTIES

Phytowax range has been developed to fulfil formulators' requirements and presents various key benefits:

- **High moisturizing properties**  
Thanks to their high skin compatibility, Phytowax are:
  - much less occlusive than synthetic waxes,
  - present a quick penetration rate,
  - are non-irritative.Thanks to their low molecular weight, Phytowax are:
  - offering a unique feel, totally non greasy,
  - easy spreadable.
- **Phytowax waxes offer very soft and smooth textures**

Interest of combining different grades in order to play on both, texture and emolliency.



## PROPERTIES



## GENERAL INFORMATION

REFERENCE	POL8L28	POL10L40	POL12L44	POL14L48	POL16L55	POL18L57
<b>DESCRIPTION</b>	Solid, creamish white					
<b>INCI</b>	Hydrogenated olive oil caprylyl esters	Hydrogenated olive oil decyl esters	Hydrogenated olive oil lauryl esters	Hydrogenated olive oil myristyl esters	Hydrogenated olive oil cetyl esters	Hydrogenated olive oil stearyl esters
<b>CAS NUMBER</b>	438551-84-9	438551-82-7	477883-66-2	438551-85-0	438551-99-6	354820-04-5
<b>REACH REGISTRATION NUMBER</b>	05-2116763755-32-0000	01-2120813657-50-0000	05-2116764641-42-0000	05-2116764871-35-0000	01-2120813658-48-0000	01-2120813659-46-0000
<b>ORGANIC VERSION</b>		*				*

## GENERAL INFORMATION

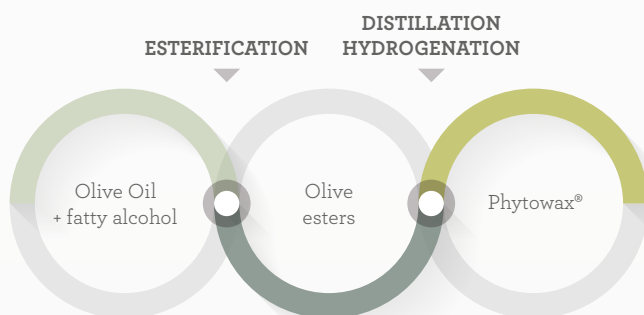
- Origin: olive
- Recommended dosage: 3 to 10%
- Solubility: oil soluble
- Storage conditions: ambient t° (<25°C) ;  
keep in a dry place, away from heat and light sources
- Packaging: 25Kg drums

### - Certifications:



COSMOS approved  
COSMOS Certified  
China approved

## PROCESS



## APPLICATIONS



### Skin care

Smooth spreading, silky feel after application



### Body care

Texturing agent,  
improved consistency



### Make up

Improved formulation's consistency, lipsticks strength  
and enhanced coverage properties



### Hair care

Improved and enriched textures



## I FORMULATION

Phytowax in "Vegebalm Hair Care".

## I VEGBALM HAIR CARE

PHASE	TRADE NAME	INCI NAME	SUPPLIER	%
A		Brassicyl isoleucinate esylate Brassica alcohol		6.50
		Behenyl alcool		1.00
		Glyceryl stearate		1.00
	<b>VEGELINE 70 OR</b>	Ricinus communis seed oil	<b>SOPHIM</b>	0.50
	<b>BIOPHYTOSEBUM OR</b>	Olive oil decyl esters & squalene	<b>SOPHIM</b>	4.00
	<b>PHYTOSQUALAN</b>	Squalane	<b>SOPHIM</b>	2.00
	<b>PHYTOWAX 10L40 OR</b>	Hydrogenated olive oil decyl esters	<b>SOPHIM</b>	3.00
	<b>ORGANIC BROCCOLI OIL</b>	Brassica oleracea italica seed oil	<b>SOPHIM</b>	5.00
	<b>VIRGIN CUCUMBER OIL</b>	Cucumis sativa (cucumber) oil	<b>SOPHIM</b>	2.00
	<b>ORGANIC AVOCADO OIL</b>	Persea gratissima (avocado) oil	<b>SOPHIM</b>	0.50
B		Acqua		61.55
		Cassia hydroxypropyl trimonium Chloride		0.20
		Hydroxypropyl starch phosphate acqua		2.00
		Glycerin		2.50
		CI 77288		0.05
C		Acqua		6.50
D		Benzyl alcohol dehydroacetic acid		
		Acqua		1.00
E		Helianthus annuus seed oil		0.10
		Rosmarinus officinalis leaf extract		
		Perfume		0.60
<b>TOTAL</b>				<b>100.00</b>

