

State of the Art Ingredients • Fast Friendly Service

## OliveWax

### SECTION 1 :: PRODUCT IDENTIFICATION

**Product Name:** OliveWax  
**Description/Use:** Personal Care  
**INCI Name:** Hydrogenated Olea europaea (Olive Oil) (and) Olea europaea (Olive Oil)  
(and) Olea europaea (Olive Oil)  
**CAS Number :** 226993-75-5; 8001-25-0

### SECTION 2 :: HAZARD IDENTIFICATION

**Hazards :** Not hazardous substance according to EC-directive 67/548/EEC or 1999/45/EC  
**R Phrases :** not required  
**S Phrases :** not required

### SECTION 3 :: FIRST AID MEASURES

**Skin contact** : rinse with running water and soap; remove contaminated clothes.  
**Eye contact** : irrigate eye with clean water for 15 minutes; seek medical attention if necessary.  
**Ingestion** : do not induce vomiting; in normal conditions no particular risks are expected.  
**Inhalation** : no particular effect

### SECTION 4 :: FIRE FIGHTING MEASURES

**Suitable** : water, CO2, foam,  
**Not suitable** : None known  
**Combustion hazards** : if product is involved in a fire, toxic smokes might develop  
**Special fire fighting procedures** : dispense extinguishing agent at base of flame

### SECTION 5 :: ACCIDENTAL RELEASE MEASURES

**Personal precautions:** wear protective equipment suitable to emergency  
**Environmental precautions:** contain leaks. If product has flowed into the ground, advise local authority.  
**Method of clean up:** scoop up and then clean floor with soap and water

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## **OliveWax**

### **SECTION 6 :: HANDLING AND STORAGE**

**Handling :** Handle in accordance with good industrial hygiene and safety practice.

**Storage :** store product into original containers or in plastic, plasticized or stainless containers, at a temperature between 5 and 35°C.

### **SECTION 7 :: EXPOSURE CONTROL / PERSONAL PROTECTION**

**Special cautions :** none

**Respiratory protection :** not required

**Hand protection :** not used

**Eye protection :** not required

**Skin and body protection :** use protective suitable clothes

**Limit of exposure :** none

### **SECTION 8 :: PHYSICAL AND CHEMICAL PROPERTIES**

**Form@ 20°C :** flakes, waxy solid

**Color :** ivory-white

**Odor :** slight, characteristic

**Active Substance%:** 99.0 min

**Melting range :** 50°C – 55°C

**Water Content%:** <1.0

**Acid Value:** 1 max

**Flash point :** Not applicable

**iodine Value:** 20 - 40

**Specific Gravity@ .910 – 0.920 g/ml**

### **SECTION 9 :: STABILITY AND REACTIVITY**

**Conditions to avoid :** Stable in normal conditions

**Materials to avoid :** None known

**Hazardous decomposition**

**products :** No dangerous decomposition products known.

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### SECTION 10 :: TOXICOLOGY INFORMATION

**Oral acute toxicity** : data taken from literature about analogue products indicate a very low toxicity for this group of substances:

DL50 > 5000 mg/Kg.

**Others** : results on tests leaded in vitro (RBC Test ) and on human volunteers ( Patch test and Hypoallergenic test ) allow to define the product as *not toxic* and *not irritant*.

### SECTION 11 :: ECOLOGY INFORMATION

**Biodegradability** : Readily Biodegradable according to OECD 301-B method

### SECTION 12 :: DISPOSAL CONSIDERATIONS

**Method of disposal** : In accordance with local/regional/national/international regulations.

### SECTION 13 :: TRANSPORT INFORMATIONS

**Transport** : Not classified as dangerous in the meaning of transport regulations

### SECTION 14 :: REGULATORY INFORMATION

**Regulation** : law 67/548/CEE and DM 4.04.1997  
(classification and labelling of hazardous substances).  
This bulletin has been written according to the following regulations:  
Law 163/83 (Surfactants Biodegradability)  
DPR 250/89 (Surfactants Labelling)

### SECTION 14 :: OTHER INFORMATION

The CIR Expert Panel concludes that Sorbitan Fatty Acid Esters are safe for use as cosmetic ingredient under the present practises of use (Cosmetic Ingredient Review, USA) June 14,1999

Bibliography:

NIOSH - Registry of toxic effects of chemical substances (1983)

N.I. Sax - Dangerous properties of industrial materials - VNR

5103 Commercial Park Drive, ste A· Austin TX 78724

(512) 535::2711 ·(512) 535::7362 fax

[www.ingredientstodiefor.com](http://www.ingredientstodiefor.com) · [help@ingredientstodiefor.com](mailto:help@ingredientstodiefor.com)



(MSDS)  
**MATERIAL SAFETY DATA  
SHEET**

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## **OliveWax**

CESIO - Classification and Labelling of Surfactants (1990)  
DM - 16<sup>th</sup> February 1993 (Hazardous Substances Classification)

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