

**Material safety data sheet**  
According to EU Regulation 1907/2006 in the current version  
**OLIVE EMULSIFIER WAX**

**1. Identification of the substance/mixture and company**

Trade name: Olive Emulsifier Wax  
INCI Sorbitan Olivat  
REACH pre-registration No. : exempt  
Utilization: Raw material for cosmetics  
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania  
Tel/Fax: +40259-436.755, [www.ellemental.com](http://www.ellemental.com)  
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.  
International emergency number: +49 180 2273-112

**2. Hazards Identification**

2.1. Classification of the substance or mixture  
Regulation (EC) No 1272/2008  
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]  
2.2. Label elements  
Product identifier  
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]  
2.3. Other hazards  
No information available

**3. Declaration of ingredients**

3.1 Substances  
Sorbitan Olivat CAS no 223706-40-9 100%

3.2 Mixtures  
Not concerned

**4. First aid measures**

4.1. Description of first aid measures  
Inhalation Remove to fresh air. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. (Get medical attention immediately if symptoms occur.).  
Skin contact Wash off immediately with soap and plenty of water.  
Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.  
Ingestion Clean mouth with water and drink afterwards plenty of water.  
4.2. Most important symptoms and effects, both acute and delayed

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Symptoms No information available.

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**5. Fire fighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire

**5.2. Special hazards arising from the substance or mixture**

No information available

**5.3. Advice for firefighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment as required.

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**6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions

Ensure adequate ventilation, especially in confined areas.

For emergency responders

Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

**6.3. Methods and material for containment and cleaning up**

Methods for containment Steps to be Taken in Case Material is Released or Spilled: Dike and contain the spill with inert material (ie: sand, earth,sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hotwater solution.

Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keepspills out of all sewers and bodies of water.

Methods for cleaning up After cleaning, flush away traces with water.

**6.4. Reference to other sections**

See section 8 for more information. See section 13 for more information

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**7. Handling and storage**

**7.1. Precautions for safe handling**

Advice on safe handling

Ensure adequate ventilation, especially in confined areas. Avoid breathing vapors or mists. When using do not eat, drink or smoke.

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**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions**

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat. Protect from direct sunlight.

**Incompatible materials**

None.

**7.3. Specific end use(s)**

**Risk Management Methods (RMM)**

The information required is contained in this Material Safety Data Sheet.

**8. Exposure controls / personal protection**

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**8.1. Control parameters**

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)**

No information available.

**8.2. Exposure controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand Protection** Not applicable.

**Skin and body protection** Suitable protective clothing.

**Environmental exposure controls** No information available

**9. Physical and chemical properties**

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**9.1. Information on basic physical and chemical properties**

**Physical state** Solid

**Appearance** ivory-white flakes, waxy solid **Odor** slight odor characteristic in ethanol and vegetable oils

**Color** No information available **Odor threshold** No information available

**Property Values** Remarks • Method

**pH** 5.0-7.0 No information available

**Melting point / freezing point** 45-55 °C No information available

**Boiling point / boiling range** No information available

**Flash point** No information available No information available

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Evaporation rate irrelevant No information available  
Flammability Limit in Air  
Upper flammability limit: No information available  
Lower flammability limit: No information available  
Vapor pressure irrelevant No information available  
Vapor density irrelevant No information available  
Relative density 1.050-1.060 g/ml No information available  
Water solubility No information available  
Solubility(ies) No information available  
Partition coefficient No information available  
9.2. Other information  
VOC Content (%) No information available  
Density No information available  
Bulk density No information available  
Volatility No information available

## **10. Stability and reactivity**

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### **10.1 Reactivity**

Stable, in normal usage conditions. No dangerous reactions known

### **10.2 Chemical stability**

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None

### **10.3 Possibility of hazardous reactions**

No dangerous reactions known.

### **10.4 Conditions to avoid**

No further relevant information available.

### **10.5 Incompatible materials**

No further relevant information available.

### **10.6 Hazardous decomposition products**

No decomposition if used according to specifications

## **11. Toxicological information**

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**11.1. Information on toxicological effects**

Acute toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No data available.

Eye contact No data available.

Skin contact No data available.

Ingestion No data available.

The following values are calculated based on chapter 3.1 of the GHS document

Unknown acute toxicity

Chemical Name Oral LD50 Dermal LD50 Inhalation LC50

Sorbitan Olivat > 10 g/kg ( Rat )

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

**12. Ecological information**

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**12.1. Toxicity**

Chemical Name Algae/aquatic plants Fish Crustacea

Sorbitan Olivat - 10000: 96 h Brachydanio rerio mg/L  
LC50-

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available

**12.4. Mobility in soil**

Mobility in soil

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

No information available

**13. Disposal considerations**

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**13.1. Waste treatment methods**

Waste from residues/unused products

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Disposal should be in accordance with applicable regional, national and local laws and regulations.  
Contaminated packaging Improper disposal or reuse of this container may be dangerous and illegal.

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**14. Transport information**

IMDG

- 14.1 UN/ID No. Not regulated
- 14.2 Proper shipping name Not regulated
- 14.3 Hazard Class Not regulated
- 14.4 Packing Group Not regulated
- 14.5 Marine pollutant Not applicable
- 14.6 Special Provisions None
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

RID

- 14.1 UN/ID No. Not regulated
- 14.2 Proper shipping name Not regulated
- 14.3 Hazard Class Not regulated
- 14.4 Packing Group Not regulated
- 14.5 Environmental hazard Not applicable
- 14.6 Special Provisions None

ADR

- 14.1 UN/ID No. Not regulated
- 14.2 Proper shipping name Not regulated
- 14.3 Hazard Class Not regulated
- 14.4 Packing Group Not regulated
- 14.5 Environmental hazard Not applicable
- 14.6 Special Provisions None

IATA

- 14.1 UN/ID No. Not regulated
- 14.2 Proper shipping name Not regulated
- 14.3 Hazard Class Not regulated
- 14.4 Packing Group Not regulated
- 14.5 Environmental hazard Not applicable
- 14.6 Special Provisions None

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**15. Regulatory information**

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

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**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

**16. Additional information**

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**16.1 Abbreviations**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

**Disclaimer:**

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.