



OENOTHERA OIL

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: OENOTHERA OIL

REACH Registration N° (acc. ti EU-VO 1907/2006): This product is exempt from the registration according to Commission Regulation (EC) no. 987/2008, Annex II, §9

Use: Component of Food, Food additive, Component of Cosmetic products, Component of pharmaceutical products

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2. HAZARD IDENTIFICATION

EC classification: according to EU-Regulation 1272/2008 were not classified as dangerous. Pictograms and Risk and Safety Statements see section 15. At appropriate application there is no cause for an endangerment of the environment and health of humans.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains the following materials in portion of 0,1% or more, which are characterized as malicious or very malicious and/or materials in portion of 1% or more, which are characterized as less toxic, corrosive or provocative.

Hazardous ingredient: none

Composition:

INCI NAME: OENOTHERA BIENNIS OIL

CAS-N°: not available

EU-N°: not available

Classification acc. to EU 648/67: not rated as a hazardous substance

Classification acc. to 1272/2008: not rated as a hazardous substance

4. FIRST AID

Generally: no special measures necessary

Inhalation: first aid is usually not necessary

Skin contact: generally, no skin irritation to be expected.

Wash with water and soap

Eye contact: flush eyes with large volumes of water for several minutes.

In case of irritation seek medical advice

Ingestion: generally, first aid is not necessary. Seek medical attention in case of any adverse effects

5. FIRE - FIGHTING MEASURES

Extinguishing media: foam, dry chemical powder, carbon dioxide. Do not use direct water jet on burning material

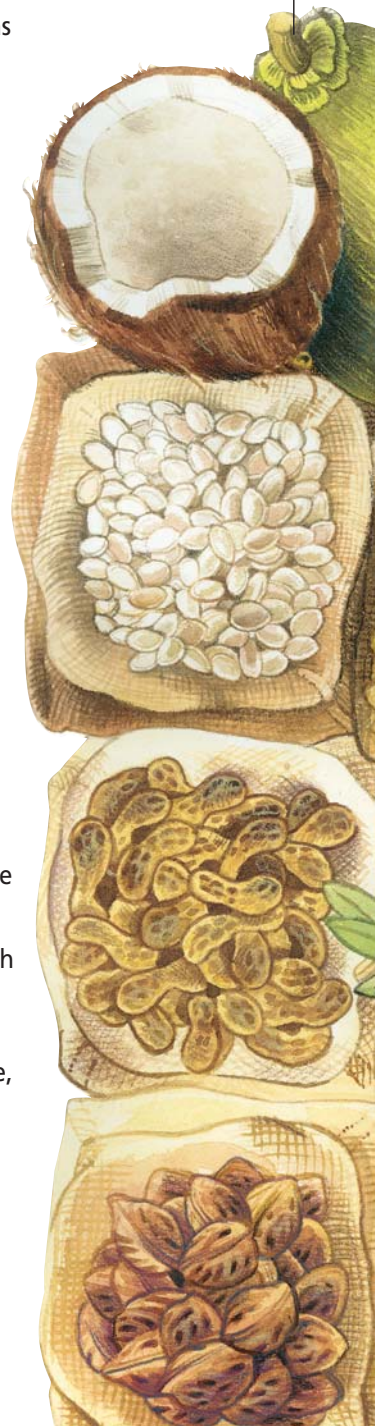
Special hazards from the substance or preparation itself, combustion products or flue gases: this product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase hazard. Ignition hazard at welding at the empty container. **Dangerous combustion residues:** smoke, carbon monoxide, carbon dioxide.

Special fire - fighting procedures: in the case of fire: use respirator

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: remove source of ignition, provide adequate ventilation, avoid contact with skin and eye contact

Land spill: shut off source. Prevent product from entering sewerage, water courses or low lying areas. Take measures to reduce or prevent effects on





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ground water. Gather product mechanically if possible. Bind remainings of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.

Personal precautions: confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation.

7. HANDLING AND STORAGE

Handling: keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid ship hazard.

Storage: intrusion into soil to be avoided. Store the product in chilled (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations

Fire and explosion protection: ignition hazard when welding at empty container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory: no special measures required

Hand protection: no special measures required

Eye protection: no special measures required

Physical protection: no special measures required

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/odour: liquid yellow clear/odourless or typical.

pH-value: not available

Boiling range: > 350° C

Flash point: > 200° C

Flammability : not available

Explosion hazard : not available

Fire accelerant : not available

Vapour pressure : not available

Relative density: approx 0,920 at 20°C

Solubility: soluble in oil and ethanol

Solubility in water: not soluble in water

Evaporation rat: not available

Viscosity: not available

Vapour density: not available

Evaporation rate: not available

10. STABILITY AND REACTIVITY

Conditions to avoid: keep away from heat sources, open flames and sunlight

Substances to avoid: avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.

Hazardous decomposition products: product does not decompose at proper handling

11. TOXICOLOGICAL INFORMATION

Basics of Evaluation: the evaluation was made of toxicological data of components or similar products derived. This product is human food quality

Acute toxicity: in compliance with generally accepted uses and quantities areno negative impacts to be expected.

LD50: not determined. LC50: not determined





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Sensitization: in compliance with generally accepted uses and quantities are no negative impacts to be expected

Toxicity after repeated administration: in compliance with generally accepted uses and quantities are no negative impacts to be expected

CMR-effect: there are not expected negative impact

Additional information: akute toxicity, irritation and CMR-effects of the substance are investigated and rated. Individual aspects are partially missing data. In the experience of the manufacturer, however, on the identification exces risks to be expected

12. ECOLOGICAL INFORMATION

Ecological toxicity: specific ecological toxicity data for this product are not available

Mobility: no data available

Persistence and degradability: biologically well degradable

Bioaccumulation potential: no information available

PBT characteristics: no information available

Water rate hazard: WGK 1

Other armful effects: no information available

13. DISPOSAL CONSIDERATION

Recommendation: collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude in soil or waters

14. TRANSPORT INFORMATION

Measures during transport: keep container closed, dry, cool

No hazardous under transport regulation

Sea transportation (IMDG): none

Road transportation (ADR): none

Train transportation (RID): none

Air transportation (ICAO): none

15. ADDITIONAL REGULATORY INFORMATION

Assessment of material safety: an assessment has not been executed

Labelling according to EU regulation 648/67:

Hazard symbol: none

Risk phrases: none

Safety phrases: none

Hazardous components: none

Labelling according to EU regulation 1272/2008 (GHS-labelling):

Signal word: no signal word

Pictograms: none

Hazard phrases: none

Safety phrases: none

16 OTHER INFORMATION

Trainig instuctions: refer to possible hazards before use of product

Disclaimer: The data and recommendations given in this material safety data sheet are compiled from test data (if available) and further documentation.

The data and recommendations refer only to the designated product, as far as it is not brought together with other materials or processed with. The statements correspond to our knowledge and experiences at the indicated time. However, no warranty for correctness and completeness is given.

Therefore, it is the user's responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use

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