

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 73500 Walnut Oil, refined

Page 1

Revised edition: 19.03.2013

Version: 1

Printed: 15.12.2015

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Walnut Oil, refined

*Article No.:* 73500

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

*Cosmetics and food industry  
Pharmaceutical production  
Technical application  
Animal feed*

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.de

*E-Mail:* info@kremer-pigmente.de

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to EC  
Regulation 1272/2008*

*This product does not require classification and labelling as  
hazardous according to CLP/GHS.*

*Classification according to EC  
Regulation No. 67/548 or No. 1999/45*

*The material is not subject to classification according to EC lists.*

*Safety Phrases:*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to EC  
Regulation 1272/2008*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

next page: 2

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 73500 Walnut Oil, refined

Page 2

Revised edition: 19.03.2013

Version: 1

Printed: 15.12.2015

---

### 2.3. Other Hazards

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## 3. Composition/Information on Ingredients

### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:* *Juglans Regia (walnut) seed oil, CAS No. 8024-09-7, EINECS 273-313-5*

*Hazardous Ingredients:*

*Additional information:*

*Exempted from the mandatory REACH Registration (Article 2).*

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## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

*After inhalation:*

*No special measures required.*

*After skin contact:*

*This product is in general not irritating to the skin.  
Wash with soap and rinse with plenty of water.*

*After eye contact:*

*Rinse open eyes with plenty of water for at least 15 minutes.*

*After ingestion:*

*No special measures required.  
If symptoms persist consult physician.*

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*No further information available.*

*Effects:*

### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*No information available.*

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## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Foam, CO2, dry extinguishing powder.*

*Unsuitable extinguishing media:*

*Never apply a strong water jet.*

### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*Combustible material with low risk.  
The product can only burn or form inflammable mixtures when heated above the flash point.  
Ignition hazard when carrying out welding work on the empty*

*next page: 3*

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 73500 Walnut Oil, refined

Page 3

Revised edition: 19.03.2013

Version: 1

Printed: 15.12.2015

---

*container.*

*In case of fire: formation of carbon oxides and smoke.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

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## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Floor may be slippery; use care to avoid falling.*

*Keep away from sources of ignition. No smoking.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soils, drains and surface water.*

*Keep spills and cleaning runoff out of municipal sewers and open bodies of water.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Contain with absorbent material (e.g. sand, acid binder, universal binder, sawdust) and collect in appropriate containers for disposal.*

### 6.4. Reference to other Sections

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Keep containers tightly closed.*

*Hygienic measures:*

*No further measures, see Section 8.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.*

*Protect product from direct sunlight.*

*Requirements for storage areas and containers:*

*Information on fire and explosion protection:*

*Self-ignition resp. auto-oxidation is possible.*

*Do not store together with ignitable sources, heat and fire.*

*Storage class (VCI):*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

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next page: 4

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 73500 Walnut Oil, refined

Page 4

Revised edition: 19.03.2013

Version: 1

Printed: 15.12.2015

---

### 8. Exposure Controls/Personal Protection

#### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*none known*

*Parameters to be controlled (EC):*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

#### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation.*

*Personal Protection*

*General protective measures:*

*Keep away from sources of ignition.*

*Respiratory protection:*

*Not required.*

*Hand protection:*

*Not required*

*Protective glove material:*

*Eye protection:*

*Not required.*

*Body protection:*

*Environmental precautions:*

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### 9. Physical and Chemical Properties

#### 9.1. Information on Basic Physical and Chemical Properties

*Form:* *liquid*

*Color:* *bright yellow*

*Odor:* *characteristic*

*Odor threshold:*

*No information available.*

*pH-Value:*

*not applicable*

*Melting temperature:*

*not available*

*Boiling temperature:*

*> 350°C*

*Flash point:*

*> 200°C*

*Evaporation rate:*

next page: 5

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 73500 Walnut Oil, refined

Page 5

Revised edition: 19.03.2013

Version: 1

Printed: 15.12.2015

---

*No information available.*

*Flammability (solid, gas):*

*not available*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not determined*

*Vapor density:*

*No information available.*

*Density:*

*0.915 - 0.919 g/cm<sup>3</sup> (20°C)*

*Solubility in water:*

*insoluble*

*Coefficient of variation (n-Octanol/Water):*

*no information available*

*Auto-ignition temperature:*

*No information available.*

*Decomposition temperature:*

*not determined*

*Viscosity, dynamic:*

*not available*

*Explosive properties:*

*not available*

*Oxidizing properties:*

*No information available.*

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*soluble in oil and alcohol*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Oxidation with air-oxygen. Formation of free fatty acids.*

next page: 6

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 73500 Walnut Oil, refined

Page 6

Revised edition: 19.03.2013

Version: 1

Printed: 15.12.2015

---

### 10.2. Chemical Stability

*The product is chemically stable.*

### 10.3. Possibility of Hazardous Reactions

*Reacts with oxidizing agents.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid heat, open fire and other ignition sources.  
Avoid direct sunlight.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*Strong oxidizing agents (e.g. fluid chlorine or concentrated oxygen).*

### 10.6. Hazardous Decomposition Products

*Carbon monoxide and dioxide, fumes and irritant gases.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11. 1. Information on Toxicological Effects

*No information available.*

*Acute Toxicity*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*Can cause irritatiton of the mucous membrane.*

*Irritant effect on eyes:*

*Can cause irritatiton of the mucous membrane.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*No mutagenic effects known.*

*Reproductive toxicity:*

*No negative effects known.*

*Cancerogenity:*

*No negative effects.*

*Teratogenicity:*

next page: 7

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 73500 Walnut Oil, refined

Page 7

Revised edition: 19.03.2013

Version: 1

Printed: 15.12.2015

---

*Not considered to be teratogenic.*

*Specific target organ toxicity (STOT):*

*No data available.*

*Additional toxicological information:*

*Aspiration hazard: no specific effects or hazards known.*

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### 12. Ecological Information

#### 12.1. Aquatic Toxicity

*No information available.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

#### 12.2. Persistency and Degradability

*Biodegradable.*

#### 12.3. Bioaccumulation

*Product has the potential to bioaccumulate.*

#### 12.4. Mobility

*No information available.*

#### 12.5. Results of PBT- und vPvP Assessment

*No data available.*

#### 12.6. Other Adverse Effects

*Water hazard class:*

*1, slightly hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*No ecological data available.*

*AOX Value:*

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### 13. Disposal Considerations

#### 13.1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Dispose of according to official local regulations.*

*Do not puncture, cut or weld uncleaned drums. Risk of explosion.*

*Waste Code No.:*

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### 14. Transport Information

#### 14.1. UN Number

*ADR, IMDG, IATA*

next page: 8

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 73500 Walnut Oil, refined

Page 8

Revised edition: 19.03.2013

Version: 1

Printed: 15.12.2015

---

### 14. 2. UN Proper Shipping Name

ADR/RID:

*No hazardous goods according to ADR (land transportation).*

IMDG/IATA:

*No hazardous goods according to IMDG.*

### 14. 3. Transport Hazard Classes

ADR Class:

*not applicable*

Hazard no.:

Classification code:

Tunnel no.:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

*not applicable*

Hazard no.:

### 14. 4. Packaging Group

ADR/RID:

*not applicable*

IMDG:

IATA:

### 14. 5. Environmental Hazards

*Labelling according 5.2.1.8 ADR/RID: no*

*Classification as environmentally hazardous according 2.9.3*

*IMDG: no*

### 14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

*not applicable*

### 14. 8. Further Information

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## 15. Regulatory Information

### 15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

*1, slightly hazardous for water*

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

next page: 9



# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 73500 Walnut Oil, refined

Page 9

Revised edition: 19.03.2013

Version: 1

Printed: 15.12.2015

---

### 15.2. Chemical Safety Assessment

*A Chemical Safety Assessment is not necessary for this product.*

### 15.3. Further Information

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### 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*