

# Material Safety Data Sheet

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



## 73750 Lavender Oil

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Revised edition: 16.03.2012

Version: 1

Printed: 15.05.2014

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

#### 1.1. Product Identifier

*Product Name:* Lavender Oil

*Article No.:* 73750

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

*Identified uses:*

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet

*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

*EMail:* info@kremer-pigmente.de

#### 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*

Aspiration hazard, category 1  
Skin irritation, hazard category 2  
Skin sensitization, hazard category 1  
Chronic aquatic toxicity, category 2

H304 May be fatal if swallowed and enters airways.

Cat.: 1

H315 Causes skin irritation.

Cat.: 2

H317 May cause an allergic skin reaction.

Cat.: 1

H411 Toxic to aquatic life with long lasting effects.

Cat.: 2

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

Irritating (Xi) R38 Irritating to skin.

Irritating (Xi) R43 May cause sensitization by skin contact.

Hazardous to the environment (N) R51 Toxic to aquatic organisms.

R53 May cause long-term adverse effects in the aquatic environment.

Harmful (Xn) R65 Harmful: May cause lung damage if swallowed.

*Safety Phrases:*

*Possible Environmental Effects:*

#### 2.2. Label Elements

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*Classification according to EC  
Regulation 1272/2008*

*Hazard designation:*



GHS07



GHS08-2



GHS09

*Signal word:*

Danger

*Hazard designation:*

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

*Safety designation:*

P261	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P301+P310	If swallowed: Immediately call a poison center or physician.
P302+P352	If on skin: Wash with soap and water.
P331	Do not induce vomiting.
P332+P313	If skin irritation occurs: Get medical attention.
P333+P313	If skin irritation or rash occurs: Get medical attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage
P405	Store locked up.
P501	Dispose of contents/ container according to regional, national and international regulations.

*Hazardous components for labelling:*

### 2.3. Other Hazards

## 3. Composition/Information on Ingredients

### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:*

*Essential oil. CAS No. 90063-37-9, EINECS 289-995-2*

*Hazardous Ingredients:*

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3,7-Dimethyl-1,6-octadien-3-ol (Xi; R38; H315)	25-50 %	CAS-Nr: 78-70-6 EINECS-Nr: 201-134-4 EC-Nr:
alpha Pinen (Xn,N; R10-51/53-65; H304-411)	2.5-5 %	CAS-Nr: 7785-26-4 EINECS-Nr: 232-077-3 EC-Nr:
beta-Caryophyllene (Xn; R65; H304)	1-3 %	CAS-Nr: 87-44-5 EINECS-Nr: 201-746 EC-Nr:
Terpinen-4-ol (Xi; R38; H315)	1-3 %	CAS-Nr: 562-74-3 EINECS-Nr: 209-235-5 EC-Nr:
3,7,7-Trimethylcyclo(4.1.0)hept-3-en (Xn,N; R10-43-52/53-65; H226-304-317-412)	< 2 %	CAS-Nr: 13466-78-9 EINECS-Nr: 236-719-3 EC-Nr:
Myrcene (Xn,N; R10-43-51/53-65; H304-317-411)	< 2 %	CAS-Nr: 123-35-3 EINECS-Nr: 204-622-5 EC-Nr:
beta Pinen (Xn,N; R10-51/53-65; H226-304-411)	< 1 %	CAS-Nr: 18172-67-3 EINECS-Nr: 242-060-2 EC-Nr:
trans-Anethole (Xi,N; R43, 51/53; H317-411)	< 1 %	CAS-Nr: 4180-23-8 EINECS-Nr: 205-427-8 EC-Nr:

*Additional information:*

#### 4. First Aid Measures

##### 4.1. Description of the First Aid Measures

*General information:*

*Take affected persons out into the fresh air.*

*After inhalation:*

*Supply fresh air and keep patient calm.  
In case of complaints consult a physician.*

*After skin contact:*

*Wash with soap and rinse with plenty of water.*

*After eye contact:*

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

*After ingestion:*

*Consult a doctor.*

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

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*Symptoms:*

*No further information available.*

*Effects:*

*No further information available.*

**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:*

*Water with full jet.*

*Water*

**5. 2. Special Hazards arising from the Substance or Mixture**

*Special hazards:*

*No information available.*

**5. 3. Advice for Firefighters**

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

*Cool exposed containers with water spray.*

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**6. Accidental Release Measures**

**6. 1. Personal Precautions, Protective Equipment and Emergency Procedures**

*Personal precautions:*

*Ensure adequate ventilation.*

**6. 2. Environmental Precautions**

*Environmental precautions:*

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

**6. 3. Methods and Material for Containment and Cleaning Up**

*Methods and material:*

*Contain with absorbent material (sand, diatomaceous earth, universal absorbent, Oil Dri) and dispose accordingly.*

**6. 4. Reference to other Sections**

*See Section 13 for information on disposal.*

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**7. Handling and Storage**

**7. 1. Precautions for Safe Handling**

*Instructions on safe handling:*

*Provide adequate ventilation.*

*Hygienic measures:*

*No further measures, see Section 8.*

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

*Storage conditions:*

*Store in tightly sealed containers in a cool and well ventilated location.*

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion protection:*

*Keep away from sources of ignition - do not smoke.*

*Storage class (VCI):*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

*No information available.*

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## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*None known*

*Parameters to be controlled (DE):*

*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 foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.*

*Respiratory protection:*

*Required in case of insufficient ventilation (EN 143 or 149).*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

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*Environmental precautions:*

*No special measures required.*

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### 9. Physical and Chemical Properties

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

<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>yellowish</i>
<i>Odor:</i>	<i>characteristic</i>
<i>Odor threshold:</i>	<i>No information available.</i>
<i>pH-Value:</i>	<i>not determined</i>
<i>Melting temperature:</i>	<i>not applicable</i>
<i>Boiling temperature:</i>	<i>not available</i>
<i>Flash point:</i>	<i>66°C</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>0.884 g/cm<sup>3</sup> (20°C)</i>
<i>Solubility in water:</i>	<i>not miscible</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not determined</i>
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not available</i>
<i>Explosive properties:</i>	

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*not available*

*Oxidizing properties:*

*No information available.*

*Bulk density:*

*not applicable*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*No further information.*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*Unknown.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*No further information available.*

*Thermal decomposition:*

*No data available.*

### 10.5. Incompatible Materials

*Strong oxidizing agents.*

### 10.6. Hazardous Decomposition Products

*None known.*

### 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*

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*Irritant effect on skin:*

*No information available*

*Irritant effect on eyes:*

*No information available.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No information available.*

*Mutagenicity:*

*Not mutagenic.*

*Reproductive toxicity:*

*No information available.*

*Cancerogenity:*

*Not cancerogenic.*

*Teratogenicity:*

*Studies carried out with animals did not show an impairment of the fertility.*

*Specific target organ toxicity (STOT):*

*No data available.*

*Additional toxicological information:*

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### 12. Ecological Information

#### 12.1. Aquatic Toxicity

*Fish toxicity:*

*not determined*

*Daphnia toxicity:*

*No information available.*

*Bacteria toxicity:*

*not determined*

*Algae toxicity:*

*not determined*

#### 12.2. Persistency and Degradability

*No information available.*

#### 12.3. Bioaccumulation

*No information available.*

#### 12.4. Moblity

*No information available.*

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

*No data available.*

#### 12.6. Other Adverse Effects



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*Water hazard class:*

2 (German Regulation) (Assessment by list): hazardous.

*Behaviour in sewage systems:*

*Further ecological effects:*

Do not let product enter waterways or sewage system.

*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.

*Waste Code No.:*

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### 14. Transport Information

#### 14.1. UN Number

ADR, IMDG, IATA 3082

#### 14.2. UN Proper Shipping Name

ADR/RID: UMWELTGEFÄHRDENDER STOFF, N.A.G. (Myrcene)

IMDG/IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S. (Myrcene)

#### 14.3. Transport Hazard Classes

ADR Class: 9

Hazard no.: 9

Classification code: M6

Tunnel no.: E

IMDG Class (sea): 9

Hazard no.: 9

EmS No.:

IATA Class: 9

Hazard no.: 9

#### 14.4. Packaging Group

ADR/RID: III

IMDG: III

IATA: III

#### 14.5. Environmental Hazards

Labelling according 5.2.1.8 ADR/RID: fish and tree

Labelling according 5.2.1.6.3 IMDG: fish and tree

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### 14.6. Special Precautions for User

*not applicable*

### 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:*

*2, hazardous for water*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*The employment restrictions for young workers in accordance with the Youth Employment Protection Law (94/33/EC) are to be observed.*

*The employment restrictions for expectant and nursing mothers in accordance with the Maternity Protection Guideline (94/85/EEC) are to be observed.*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

### 15.2. Chemical Safety Assessment

*A Chemical Safety Assessment has not yet been carried out 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.*