

Safety Data Sheet

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



73760 Eucalyptus Oil

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Revised edition: 29.08.2018

Version: 1

Printed: 17.04.2020

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

1.1. Product Identifier

Product Name: Eucalyptus Oil

Article No.: 73760

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

Identified uses:

No information available.

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.com

E-Mail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

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

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Flammable liquids, hazard category 3
Aspiration hazard, hazard category 1
Skin irritation, hazard category 2
Skin sensitization, hazard category 1
Chronic aquatic toxicity, hazard category 2

H226 Flammable liquid and vapour.

Cat.: 3

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

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Hazard designation:

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GHS02-2



GHS07



GHS08



GHS09

Signal word:

Danger

Hazard designation:

H226	Flammable liquid and vapour.
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:

P210	Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P301+P310	If swallowed: Immediately call a poison center or physician.
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. Eucalyptus Oil 80 - 85 %, CAS 84625-32-1; REACH Reg. No. 01-2119978250-37-xxxx

Information on Components / Hazardous Ingredients:

Eucalyptol; 1,8-Cineol (H226-317)	75 - 85 %	CAS-Nr: 470-82-6 EINECS-Nr: 207-431-5 EC-Nr:
D-Limonene (H226-304-315-317-400-412)	2.5 - 10 %	CAS-Nr: 5989-27-5 EINECS-Nr: 227-813-5 EC-Nr:

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alpha-Pinene (H226-302-304-315-317-410)	2.5 - 10 %	CAS-Nr: 80-56-8 EINECS-Nr: 201-291-9 EC-Nr:
beta-Myrcene (H226-304-317-411)	1 - 2.5 %	CAS-Nr: 123-35-3 EINECS-Nr: 204-622-5 EC-Nr:
p-Cymene (H226-304-315-319)	1 - 10 %	CAS-Nr: 99-87-6 EINECS-Nr: 202-796-7 EC-Nr:
gamma-Terpinene; p-Mentha-1,4-dien (H226-361-411)	1 - 10 %	CAS-Nr: 99-85-4 EINECS-Nr: 202-794-6 EC-Nr:
beta-Pinene (H226-304-315-317-400-410)	0.25 - 0.5 %	CAS-Nr: 127-91-3 EINECS-Nr: 204-872-5 EC-Nr:
alpha-Terpinolene (H304-317-400-410)	0.1 - 0.25 %	CAS-Nr: 586-62-9 EINECS-Nr: 209-578-0 EC-Nr:
alpha-Terpinene (H226-302-317-319)	< 0.5 %	CAS-Nr: 99-86-5 EINECS-Nr: 202-795-1 EC-Nr:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes immediately.

In case of an accident or if you feel unwell, seek medical advice immediately (show Safety Data Sheet where possible).

After inhalation:

Supply fresh air and keep patient calm.

In case of complaints consult a physician.

In case of unconsciousness place patient stable in side position for transportation.

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:

*Rinse mouth with water and drink plenty of water.
Do not induce vomiting.*

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

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.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, dry sand.

Unsuitable extinguishing media:

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 and protective clothing.

Further information:

Collect contaminated extinguishing water and debris separately; avoid contamination of sewage system.

Careful when using carbon dioxide in closed areas: carbon dioxide can displace oxygen.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

*Provide adequate ventilation. Keep away from sources of ignition.
Wear protective clothing.*

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

Protective clothing, see Section 8.

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.

Wear adequate protective clothing (see para. 8).

Hygienic measures:

Avoid contact with skin, eyes and clothing.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

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

Do not store together with food stuff and animal feed.

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:

3; Flammable liquids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Limonen (CAS 5989-27-5), TWA: 28 mg/m³, 5 ppm (long-term value); 112 mg/m³, 20 ppm (short-term value)

Parameters to be controlled:

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.

Remove contaminated clothing immediately.

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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:

Nitrile rubber (480 min, 0.4 mm)

Eye protection:

Safety glasses (EN 166)

Body protection:

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: liquid

Color: colorless

Odor: characteristic

Odor threshold:
No information available.

pH-Value:
not determined

Melting temperature:
not applicable

Boiling temperature:
not available

Flash point: 49°C

Evaporation rate:
No information available.

Flammability (solid, gas):
not applicable

Upper explosion limit:
no information available

Lower explosion limit:
no information available

Vapor pressure: < 5 mbar

Vapor density:
No information available.

Density: ca. 0.912 g/cm³ (20°C)

Solubility in water: insoluble

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Coefficient of variation (n-Octanol/Water):

not determined

Auto-ignition temperature:

not applicable

Decomposition temperature:

No data available.

Viscosity, dynamic:

not available

Explosive properties:

not available

Oxidizing properties:

No information available.

Bulk density:

not applicable

9.2. Further Information

Solubility in solvents:

Ethanol: 1 mg/l

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

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

Acids and bases

Strong oxidizing agents.

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10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

No toxicity expected.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Slight irritant effect.

Irritant effect on eyes:

Slight irritant effect

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

Slightly sensitizing.

Mutagenicity:

Not mutagenic.

Reproductive toxicity:

No information available.

Carcinogenicity:

Not cancerogenic.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

not determined

Daphnia toxicity:

No information available.

Bacteria toxicity:

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not determined

Algae toxicity:

not determined

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

Not classified as PBT substance / Not classified as a vPvB substance.

12.6. Other Adverse Effects

Water hazard class:

*2 (German Regulation) (Assessment by list): hazardous.
Harmful for fish and bacteria.*

Behaviour in sewage systems:

Further ecological effects:

Do not let product enter waterways or sewage system.

AOX Value:

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.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

1169

14.2. UN Proper Shipping Name

ADR/RID:

EXTRAKTE, AROMATISCH, FLÜSSIG

IMDG/IATA:

EXTRACTS, AROMATIC, LIQUID (Dipentene, P-Cymene, A-Pinene, B-Pinene)

14.3. Transport Hazard Classes

ADR Class:

3

Hazard no.:

3

Classification code:

F1

Tunnel restriction code:

D/E

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	<i>IMDG Class (sea):</i>	3
	<i>Hazard no.:</i>	3
	<i>EmS No.:</i>	F-E, S-D
	<i>IATA Class:</i>	3
	<i>Hazard no.:</i>	3
14. 4.	Packaging Group	
	<i>ADR/RID:</i>	III
	<i>IMDG:</i>	III
	<i>IATA:</i>	III
14. 5.	Environmental Hazards	
		<i>Labelling according 5.2.1.8 ADR/RID: fish and tree Labelled with "P" according 2.10 IMDG: yes</i>
14. 6.	Special Precautions for User	
		<i>not applicable</i>
14. 7.	Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code	
		<i>not applicable</i>
14. 8.	Further Information	
15.	Regulatory Information	
15. 1.	Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture	
	<i>Water hazard class:</i>	2, hazardous for water (German Regulation)
	<i>Local regulations on chemical accidents:</i>	Not listed.
	<i>Employment restrictions:</i>	<i>The employment restrictions for young workers in accordance with the Youth Employment Protection Law are to be observed. The employment restrictions for expectant and nursing mothers in accordance with the Maternity Protection Guideline are to be observed.</i>
	<i>Restriction and prohibition of application:</i>	
	<i>Technical instructions on air quality:</i>	5.2.5. (Classification I): < 5 %
15. 2.	Chemical Safety Assessment	
		<i>No information available.</i>
15. 3.	Further Information	
16.	Other Information	
		<i>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.</i>