

Safety Data Sheet

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



73800 Spike-Lavender Oil

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Revised edition: 07.11.2019

Version: 3

Printed: 07.04.2021

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

1.1. Product Identifier

Product Name: Spike-Lavender Oil

Article No.: 73800

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

Identified uses:

Fragrance
Aroma

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
Skin irritation, hazard category 2
Skin sensitization, hazard category 1
Serious eye damage, hazard category 2
Specific target organ toxicity (single exposure), hazard category 2
Chronic aquatic toxicity, hazard category 2

H226 Flammable liquid and vapour.

Cat.: 3

H315 Causes skin irritation.

Cat.: 2

H317 May cause an allergic skin reaction.

Cat.: 1

H319 Causes serious eye irritation.

Cat.: 2

H371 May cause damage to organs.

Cat.: 2

H411 Toxic to aquatic life with long lasting effects.

Cat.: 2

Possible Environmental Effects:

Label Elements

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2.2.

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

Hazard designation:



GHS02



GHS07



GHS08-1



GHS09

Signal word:

Warning

Hazard designation:

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H371	May cause damage to organs.
H411	Toxic to aquatic life with long lasting effects.

Safety designation:

P210	Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P233	Keep container tightly closed.
P308	If exposed or concerned:
P311	Call a poison center or physician.
P333+P313	If skin irritation or rash occurs: Get medical attention.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.

Hazardous components for labelling:

2.3. Other Hazards

No information available.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Essential oil

Information on Components / Hazardous

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Ingredients:

Linalool; 3,7-Dimethyl-1,6-octadien-3-ol (H315-317-319); REACH Reg. No. 01-2119474016-42-xxxx	40 - 45 %	CAS-Nr: 78-70-6 EINECS-Nr: 201-134-4 EC-Nr:
Eucalyptol; 1,8-Cineol (H226-317); REACH Reg. No. 01-2119967772-24-xxxx	30 - 35 %	CAS-Nr: 470-82-6 EINECS-Nr: 207-431-5 EC-Nr:
Camphor ((+)-Bornan-2-one) (H228-315-319-335)	20 - 25 %	CAS-Nr: 464-49-3 EINECS-Nr: 207-355-2 EC-Nr:
Limonen; Dipenten; Cineol (H226-304-315-317-400-410); REACH Reg.-Nr. 01-2119493353-35-xxxx	2.5 - 5 %	CAS-Nr: 138-86-3 EINECS-Nr: 205-341-0 EC-Nr:
alpha-Pinene (H226-302-304-315-317-410)	2.5 - 5 %	CAS-Nr: 80-56-8 EINECS-Nr: 201-291-9 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.

Get medical help.

After skin contact:

Remove contaminated clothing. Wash off immediately with plenty of water and soap.

After eye contact:

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

After ingestion:

Drink plenty of water. Get medical help in case of discomfort.

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 further information available.

5. Fire-Fighting Measures

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5.1. Extinguishing Media

Suitable extinguishing media:

CO₂, extinguishing powder, sand or earth.

Unsuitable extinguishing media:

Water

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

Wear self-contained respiratory protective device.

Further information:

Avoid contamination of sewage system, open water ways and ground water.

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, acid binder, universal absorbent, saw dust) and dispose accordingly.

6.4. Reference to other Sections

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid the formation of aerosol.

Avoid contact with eyes.

Hygienic measures:

Do not eat or drink during work. Do not smoke.

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:

Avoid pollution of soil.

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Information on fire and explosion protection:

*Take measures to prevent electrostatic discharge.
Keep away from sources of ignition - do not smoke.
Do not store together with: foodstuffs and animal feed.*

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):

TRGS 900

Camphor (CAS 464-49-3): 2 ppm; 13 mg/m³

Limonen (CAS 138-63-3): 20 ml/m³; 110 mg/m³; 2 (II) DFG, Sh, Y

RCP-Value (D): 50 mg/m³

Content of hydrocarbons (aliphatic C6-C14, aromatic C9-C14): 3 - 4 %

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.

Avoid contact with eyes.

Respiratory protection:

In case of long-term or higher exposure.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Nitrile rubber (NBR)

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

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Protective clothing.

Environmental precautions:

Do not allow entering sewerage system.

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>aromatic</i>
<i>Odor threshold:</i>	<i>No information available.</i>
<i>pH-Value:</i>	<i>not determined</i>
<i>Melting temperature:</i>	<i>not available</i>
<i>Boiling temperature:</i>	<i>> 160°C (1013 hPa)</i>
<i>Flash point:</i>	<i>57°C</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not available</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>< 300 hPa (50°C)</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>0.9 g/cm³ (20°C)</i>
<i>Solubility in water:</i>	<i>practically insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not determined</i>
<i>Auto-ignition temperature:</i>	
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not available</i>
<i>Explosive properties:</i>	<i>not available</i>

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Oxidizing properties:

no information available

Bulk density:

not determined

9.2. Further Information

Solubility in solvents:

In different organic solvents.

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other 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:

Avoid heat and sources of ignition.

Thermal decomposition:

No data available.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

3800 mg/kg (rat)

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

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Irritant effect on skin:

Causes skin irritation.

Irritant effect on eyes:

Causes serious eye irritation.

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

May cause allergic skin reactions.

Mutagenicity:

No mutagenic effects known.

Reproductive toxicity:

No negative effects known.

Carcinogenicity:

No cancerogenic effect known.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

*Single exposure: may damage the organs.
Repeated exposure: no toxicological effects.*

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

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

No data available.

12.6. Other Adverse Effects

Water hazard class:

3, hazardous

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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:

In accordance with regulations for special waste, must be taken to an authorized special waste incineration plant.

The proof of disposal has to be provided.

European Waste Code (EWC):

Uncleaned packaging:

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA 1993

14.2. UN Proper Shipping Name

ADR/RID: ENTZÜNDBARER FLÜSSIGER STOFF, N.A.G. (Eukalyptol, A-Pinen); SV 274, 601

IMDG/IATA: FLAMMABLE LIQUID, N.O.S. (Eukalyptol, A-Pinene); SP 274, 601

14.3. Transport Hazard Classes

ADR Class: 3

Hazard no.: 3

Classification code: F1

Tunnel restriction code: D/E

IMDG Class (sea): 3

Hazard no.: 3

EmS No.: F-E, S-E

IATA Class: 3

Hazard no.: 3

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

Labelled with "P" according 2.10 IMDG: yes

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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

14.8. Further Information

Special Provision: 274, 601

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

3, very hazardous for water (according to the German Regulation AwSV, 01.08.2017)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Industrial Safety Regulation: flammable

EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles, Registered no. 3

Technical instructions on air quality:

15.2. Chemical Safety Assessment

No information available.

15.3. Further Information

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.