

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Kräuter-Duftölkonzentrat Lemongras Art.-Nr. 6448, 6418

Revision date: 12.05.2020

Product code: F1000417

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Pictograms:



Hazard statements

- H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor.
 P391 Collect spillage.

Special labelling of certain mixtures

- EUH208 Contains citral, 3,7-Dimethylocta-2,6-dien-1-ol, dipentene; limonene, linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool, alpha-Pinen, Isoeugenol. May produce an allergic reaction.

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:



Hazard statements

H317-H318

Precautionary statements

P261-P272-P280-P302+P352-P333+P313-P362+P364-P305+P351+P338-P310

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
5392-40-5	citral			50-100 %
	226-394-6	605-019-00-3		
	Skin Irrit. 2, Skin Sens. 1; H315 H317			
106-24-1	3,7-Dimthyl-octa-2,6-dien-1-ol			5 - < 10 %
	203-377-1			
	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1; H315 H318 H317			
138-86-3	dipentene; limonene			1 - < 5 %
	205-341-0	601-029-00-7		
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H400 H410			
78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool			1 - < 5 %
	201-134-4	603-235-00-2		
	Skin Sens. 1B; H317			
7785-26-4	alpha-Pinen			1 - < 5 %
	232-077-3			
	Flam. Liq. 3, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H317 H304 H400 H410			
79-92-5	Camphen			1 - < 5 %
	201-234-8			
	Flam. Sol. 1, Eye Irrit. 2, Aquatic Chronic 1; H228 H319 H410			
123-35-3	7-Methyl-3-methylen-octa-1,6-dien			1 - < 5 %
	204-622-5			
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H304 H412			
97-54-1	Isoeugenol			< 1 %
	202-590-7			
	Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H312 H302 H315 H319 H317			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If victim is at risk of losing consciousness, position and transport on their side.

After inhalation

Provide fresh air. Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Seek medical attention if problems persist.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂)
Dry extinguishing powder
Foam.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Provide adequate ventilation.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place.

Hints on joint storage

No special precautionary measures are necessary.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls

Does not contain substances above concentration limits fixing an occupational exposure limit.

Protective and hygiene measures

Keep away from food, drink and animal feedingstuffs. Take off immediately all contaminated clothing.

Eye/face protection

.Tightly sealed safety glasses.

Hand protection

Before using check leak tightness / impermeability. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

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Respiratory protection

Respiratory protection necessary at: insufficient ventilation. Work in well-ventilated zones or use proper respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid:
 Colour: yellow
 Odour: characteristic
 pH-Value (at 20 °C): 5-6

Changes in the physical state

Initial boiling point and boiling range: not determined
 Sublimation point: not determined
 Flash point: 77 °C
 Sustaining combustion: No data available
 Lower explosion limits: not determined
 Vapour pressure: not determined
 Vapour pressure: not determined
 Density: 0,89 g/cm³
 Water solubility: not miscible

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

none

10.6. Hazardous decomposition products

none

Further information

No risks worthy of mention.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Irritant effect on the skin: irritant.

Irritant effect on the eye: Not an irritant.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
5392-40-5	citral				
	oral	LD50 >5000 mg/kg			
	dermal	LD50 2250 mg/kg			
97-54-1	Isoeugenol				
	oral	ATE 500 mg/kg			
	dermal	ATE 1100 mg/kg			

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Sensitising effects

Skin contact sensitising

Additional information on tests

The evaluation was carried out according to the calculation method of the Preparations Directive .
irritant.

- Mutagen
none
- Carcinogenicity
none
- Teratogen
none
- Phototoxicity
none

SECTION 12: Ecological information

12.1. Toxicity

Remark: Toxic to fish.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

not applicable

12.6. Other adverse effects

No information available.

Further information

- 2 hazardous to water (WGK 2)
- Do not allow to enter into surface water or drains.
- Toxic to aquatic organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains.

Contaminated packaging

Dispose of waste according to applicable legislation.
Cleaning agent. Water (with cleaning agent).

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	UN 3082
<u>14.2. UN proper shipping name:</u>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTEN, alpha-PINEN)
<u>14.3. Transport hazard class(es):</u>	9
<u>14.4. Packing group:</u>	III
Hazard label:	9
Classification code:	M6

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Special Provisions: 274 601
 Limited quantity: LQ7
 Excepted quantity: E1
 Transport category: 3
 Hazard No: 90
 Tunnel restriction code: D/E

Other applicable information (land transport)

Special provisions: 274 335 601
 E1
 Transport category: 3
 Tunnel restriction code: E

Marine transport (IMDG)

14.1. UN number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, alpha-PINENE)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
 Hazard label: 9
 Marine pollutant: •
 Special Provisions: 223, 274, 955
 Limited quantity: 5 L
 Excepted quantity: E1
 EmS: F-A, S-F

Other applicable information (marine transport)

Special provisions: 274, 909, 944

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, alpha-PINENE)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
 Hazard label: 9
 Special Provisions: A3
 Limited quantity Passenger: 30 kg G
 Passenger LQ: Y344
 Excepted quantity: E1
 IATA-packing instructions - Passenger: 914
 IATA-max. quantity - Passenger: 450 L
 IATA-packing instructions - Cargo: 914
 IATA-max. quantity - Cargo: 450 L

Other applicable information (air transport)

E1
 Y914
 450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

14.6. Special precautions for user

Flammable liquids

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2004/42/EC (VOC): 15,13 g/l

National regulatory information

Water contaminating class (D): 2 - clearly water contaminating

Additional information

Zoll-Tarif-Nr. 33074900

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 15.

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains citral, 3,7-Dimthyl-octa-2,6-dien-1-ol, dipentene; limonene, linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool, alpha-Pinen, Isoeugenol. May produce an allergic reaction.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)