

**Safety Data Sheet**

according to UK REACH Regulation

**Natürliches ätherisches Öl Lemongrasöl Nr. 646405**

Revision date: 19.07.2023

Product code: F1000486

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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UFI: NTRW-0D6C-MJ6H-YV4Q

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Uses advised against**

No data available

**1.3. Details of the supplier of the safety data sheet**

Company name:	Finnsa GmbH	
Street:	Marburger Str. 35	
Place:	D-36304 Alsfeld	
Post-office box:	1261	
	D-36292 Alsfeld	
Telephone:	06631-96880	Telefax: 06631-9688-96
e-mail:	info@finnsa.de	
Contact person:	Uwe Helm	
Internet:	finnsa.de	
Responsible Department:	Verkauf	

**1.4. Emergency telephone number:** 06131 19240 Giftinformationszentrum (GIZ) der Länder Rheinland-Pfalz und Hessen

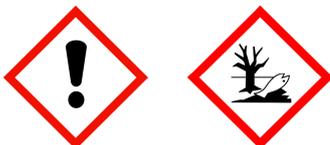
**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Skin Irrit. 2; H315  
 Skin Sens. 1; H317  
 Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

citral  
 geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol  
 linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool  
 dipentene; limonene  
 alpha-Pinen  
 Citronellol  
 beta-Pinen  
 Eugenol

**Signal word:** Warning**Pictograms:****Hazard statements**

H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.

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H411 Toxic to aquatic life with long lasting effects.

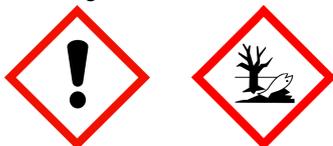
**Precautionary statements**

P501 Dispose of contents/container to an appropriate recycling or disposal facility.  
P261 Avoid breathing smoke.  
P102 Keep out of reach of children.  
P101 If medical advice is needed, have product container or label at hand.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

**Labelling of packages where the contents do not exceed 125 ml**

Signal word: Warning

Pictograms:

**Hazard statements**

H317

**Precautionary statements**

P501-P261-P302+P352-P333+P313

**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	
	Classification (GB CLP Regulation)			
5392-40-5	citral			65 - < 70 %
	226-394-6	605-019-00-3		
	Skin Irrit. 2, Skin Sens. 1; H315 H317			
106-24-1	geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol			5 - < 10 %
	203-377-1	603-241-00-5		
	Skin Sens. 1; H317			
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			
79-92-5	Camphen			1-2,49 %
	201-234-8			
	Flam. Sol. 1, Eye Irrit. 2, Aquatic Chronic 1; H228 H319 H410			
138-86-3	dipentene; limonene			1-2,49 %
	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			
7785-26-4	alpha-Pinen			<1 %
	232-077-3			
	Flam. Liq. 3, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H317 H304 H400 H410			
106-22-9	Citronellol			<1 %
	203-375-0			
	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H317 H411			
18172-67-3	beta-Pinen			<1 %
	242-060-2			
	Flam. Liq. 3, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H317 H304 H400 H410			
97-53-0	Eugenol			<1 %
	202-589-1			
	Eye Irrit. 2, Skin Sens. 1; H319 H317			

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

### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
5392-40-5	226-394-6	citral	65 - < 70 %
	dermal: LD50 = 2250 mg/kg; oral: LD50 = >5000 mg/kg		
106-22-9	203-375-0	Citronellol	<1 %
	oral: LD50 = 3450 mg/kg		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

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### 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.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), 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.

### 5.3. Advice for firefighters

No special measures are necessary.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

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

#### For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up

Do not rinse down with water.

## 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.

#### Advice on general occupational hygiene

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

### 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.

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### Further information on storage conditions

Protect against: heat.

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Individual protection measures, such as personal protective equipment

##### 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.

##### 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 transparent	
Odour:	characteristic	
Melting point/freezing point:		No data available
Boiling point or initial boiling point and boiling range:		not determined
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		85 °C
Auto-ignition temperature:		not determined
pH-Value (at 20 °C):		6
Water solubility:		Immiscible
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Vapour pressure:		not determined
Density:		0,893 g/cm <sup>3</sup>
Relative density:		not determined

### 9.2. Other information

#### Information with regard to physical hazard classes

Explosive properties

not Explosive.

Sustaining combustion:

No data available

Self-ignition temperature

Solid:

not determined

#### Other safety characteristics

Sublimation point:

not determined

Flow time:

not determined

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No further relevant information available.

#### 10.2. Chemical stability

No known hazardous decomposition products.

#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

No further relevant information available.

#### 10.5. Incompatible materials

No further relevant information available.

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

#### Further information

No risks worthy of mention.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in GB CLP Regulation

##### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
5392-40-5	citral				
	oral	LD50 >5000 mg/kg			
	dermal	LD50 2250 mg/kg			
106-22-9	Citronellol				
	oral	LD50 3450 mg/kg	Ratte		

##### Irritation and corrosivity

Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

##### Sensitising effects

May cause an allergic skin reaction. (citral; geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol; linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool; dipentene; limonene; alpha-Pinen; Citronellol; beta-Pinen; Eugenol)

##### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

##### STOT-single exposure

Based on available data, the classification criteria are not met.

##### STOT-repeated exposure

Based on available data, the classification criteria are not met.

##### Aspiration hazard

Based on available data, the classification criteria are not met.

##### Additional information on tests

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

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- irritant.
- Mutagen  
none
  - Carcinogenicity  
none
  - Teratogen  
none
  - Phototoxicity  
none

**SECTION 12: Ecological information****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**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.  
not applicable

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

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

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

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)**

- |   |  |
|---|--|
| <b><u>14.1. UN number or ID number:</u></b>     | UN 3082  |
| <b><u>14.2. UN proper shipping name:</u></b>    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(alpha-PINEN,CYMENE) |
| <b><u>14.3. Transport hazard class(es):</u></b> | 9  |
| <b><u>14.4. Packing group:</u></b>              | III  |
| Hazard label:                                   | 9  |
| Classification code:                            | M6   |
| Special Provisions:                             | 274 335 375 601  |
| Limited quantity:                               | 5 L  |
| Excepted quantity:                              | E1   |

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Transport category: 3  
 Hazard No: 90  
 Tunnel restriction code: E

#### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
 N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
 N.O.S. (alpha-PINENE, CYMENES)  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
 Hazard label: 9  
 Special Provisions: 274, 335, 969  
 Limited quantity: 5 L  
 Excepted quantity: E1  
 EmS: F-A, S-F

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** UN 3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
 N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
 N.O.S. (alpha-PINENE, CYMENES)  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
 Hazard label: 9  
 Special Provisions: A97 A158 A197  
 Limited quantity Passenger: 30 kg G  
 Passenger LQ: Y964  
 Excepted quantity: E1  
 IATA-packing instructions - Passenger: 964  
 IATA-max. quantity - Passenger: 450 L  
 IATA-packing instructions - Cargo: 964  
 IATA-max. quantity - Cargo: 450 L

#### Other applicable information (air transport)

Special provisions: A3

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes

#### 14.6. Special precautions for user

Flammable liquids

#### 14.7. Maritime transport in bulk according to IMO instruments

not applicable

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

2004/42/EC (VOC): 90 g/Liter

##### National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

##### Additional information

Customs tariff number 33074900

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**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Skin Irrit. 2; H315	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.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance 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.)*