

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Natürliches ätherisches Öl Lemongrasöl Nr. 646405**

Revision date: 13.04.2021

Product code: F1000486

Page 1 of 9

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

Natürliches ätherisches Öl Lemongrasöl Nr. 646405

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

**Further Information**

Glass Bottle 100 ml

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

3,7-Dimethyl-2,6-octadien-1-ol (cis und trans)

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:** Danger

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Natürliches ätherisches Öl Lemongrasöl Nr. 646405

Revision date: 13.04.2021

Product code: F1000486

Page 2 of 9

### 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 smoke.
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/hearing 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.
P501	Dispose of waste according to applicable legislation.

### Special labelling of certain mixtures

EUH208	Contains 3,7-Dimethyl-2,6-octadien-1-ol (cis und trans), 3,7-Dimthyl-2,6-dien-1-ol, linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool, dipentene; limonene, alpha-Pinen, Citronellol, beta-Pinen, Eugenol. May produce an allergic reaction.
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### 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-P321-P333+P313-P362+P364-P305+P351+P338-P310-P501

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Natürliches ätherisches Öl Lemongrasöl Nr. 646405

Revision date: 13.04.2021

Product code: F1000486

Page 3 of 9

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
5392-40-5	3,7-Dimethyl-2,6-octadien-1-al (cis und trans)			50-100 %
	226-394-6			
	Skin Irrit. 2, Skin Sens. 1; H315 H317			
106-24-1	3,7-Dimthyl-2,6-dien-1-ol			5-99 %
	203-377-1			
	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1; H315 H318 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		
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

##### General information

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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Natürliches ätherisches Öl Lemongrasöl Nr. 646405

Revision date: 13.04.2021

Product code: F1000486

Page 4 of 9

### 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.

## SECTION 6: Accidental release measures

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

#### General measures

Remove all sources of ignition.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

## 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.

#### 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

#### Protective and hygiene measures

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Natürliches ätherisches Öl Lemongrasöl Nr. 646405**

Revision date: 13.04.2021

Product code: F1000486

Page 5 of 9

**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	
pH-Value (at 20 °C):		6

**Changes in the physical state**

Melting point:	No data available
Boiling point or initial boiling point and boiling range:	not determined
Sublimation point:	not determined
Flash point:	85 °C
Sustaining combustion:	No data available

**Explosive properties**

not Explosive.

Lower explosion limits:	not determined
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**Self-ignition temperature**

Solid:	not determined
Vapour pressure:	not determined
Vapour pressure:	not determined
Density:	0,893 g/cm <sup>3</sup>
Water solubility:	Immiscible
Partition coefficient n-octanol/water:	not determined

**9.2. Other information****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 hazard classes as defined in Regulation (EC) No 1272/2008**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Natürliches ätherisches Öl Lemongrasöl Nr. 646405

Revision date: 13.04.2021

Product code: F1000486

Page 6 of 9

#### Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
106-22-9	Citronellol				
	oral	LD50 mg/kg	3450	Ratte	

#### Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

#### Sensitising effects

Contains 3,7-Dimethyl-2,6-octadien-1-al (cis und trans), 3,7-Dimthyl-2,6-dien-1-ol, linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool, dipentene; limonene, alpha-Pinen, Citronellol, beta-Pinen, Eugenol. May produce an allergic reaction. May cause an allergic skin reaction. (3,7-Dimethyl-2,6-octadien-1-al (cis und trans); 3,7-Dimthyl-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 .  
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

not applicable

### 12.7. Other adverse effects

No information available.

#### Further information

2 hazardous to water (WGK 2)

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Natürliches ätherisches Öl Lemongrasöl Nr. 646405

Revision date: 13.04.2021

Product code: F1000486

Page 7 of 9

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>14.1. UN number:</b>	UN 3082
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-PINEN,CYMENE)
<b>14.3. Transport hazard class(es):</b>	9
<b>14.4. Packing group:</b>	III
Hazard label:	9
Classification code:	M6
Special Provisions:	274 335 375 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	90
Tunnel restriction code:	E

##### Marine transport (IMDG)

<b>14.1. UN number:</b>	UN 3082
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-PINENE,CYMENES)
<b>14.3. Transport hazard class(es):</b>	9
<b>14.4. Packing group:</b>	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)

<b>14.1. UN number:</b>	UN 3082
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-PINENE,CYMENES)
<b>14.3. Transport hazard class(es):</b>	9
<b>14.4. Packing group:</b>	III
Hazard label:	9
Special Provisions:	A97 A158 A197
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y964

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Natürliches ätherisches Öl Lemongrasöl Nr. 646405

Revision date: 13.04.2021

Product code: F1000486

Page 8 of 9

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

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

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 9.

### 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.  
 H304 May be fatal if swallowed and enters airways.  
 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.  
 EUH208 Contains 3,7-Dimethyl-2,6-octadien-1-al (cis und trans), 3,7-Dimthyl-2,6-dien-1-ol, linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool, dipentene; limonene, alpha-Pinen, Citronellol, beta-Pinen, Eugenol. May produce an allergic reaction.



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Natürliches ätherisches Öl Lemongrasöl Nr. 646405**

Revision date: 13.04.2021

Product code: F1000486

Page 9 of 9

**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.

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