

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Limette Art.-Nr. 646414

Revision date: 21.07.2023

Product code: f1004005

Page 1 of 9

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Natürliches ätherisches Öl Limette Art.-Nr. 646414

UFI: XKSW-JDDX-CJ6Y-WXD9

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

##### Use of the substance/mixture

Dosage: give 5-10 ml on 1 litre of water, well mix.

##### 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  
e-mail: info@finnsa.de  
Contact person: Uwe Helm  
Internet: finnsa.de  
Responsible Department: Verkauf

Telefax: 06631-9688-96

#### 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

##### GB CLP Regulation

Skin Irrit. 2; H315  
Skin Sens. 1; H317  
Aquatic Acute 1; H400  
Aquatic Chronic 1; H410

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

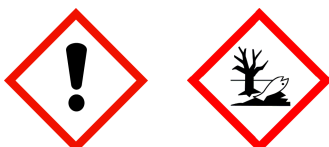
##### GB CLP Regulation

##### Hazard components for labelling

dipentene; limonene  
citral  
beta-Pinen  
alpha-Pinen  
geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol

Signal word: Warning

##### Pictograms:



# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Limette Art.-Nr. 646414

Revision date: 21.07.2023

Product code: f1004005

Page 2 of 9

### Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

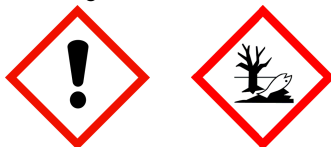
### Precautionary statements

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 and soap..
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

### Special labelling of certain mixtures

EUH208	Contains dipentene; limonene, citral, beta-Pinen, alpha-Pinen, geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol. May produce an allergic reaction.
--------	---

### 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

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Limette Art.-Nr. 646414

Revision date: 21.07.2023

Product code: f1004005

Page 3 of 9

### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
138-86-3	dipentene; limonene			65 - < 70 %
	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			
99-85-4	p-Mentha-1,4-dien			15 - < 20 %
	202-794-6			
	Flam. Liq. 3, Asp. Tox. 1; H226 H304			
98-55-5	p-Menth-1-en-8-ol			1 - < 5 %
	202-680-6			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
5392-40-5	citral			1 - < 5 %
	226-394-6	605-019-00-3		
	Skin Irrit. 2, Skin Sens. 1; H315 H317			
99-87-6	p-Cymol			1 - < 5 %
	202-796-7			
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H304 H411			
18172-67-3	beta-Pinen			1 - < 5 %
	242-060-2			
	Flam. Liq. 3, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H317 H304 H400 H410			
123-35-3	7-Methyl-3-methylocta-1,6-dien			1 - < 5 %
	204-622-5			
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H304 H412			
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			
79-92-5	Camphen			< 1 %
	201-234-8			
	Flam. Sol. 1, Eye Irrit. 2, Aquatic Chronic 1; H228 H319 H410			
106-24-1	geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol			< 1 %
	203-377-1	603-241-00-5		
	Skin Sens. 1; 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	1 - < 5 %
	dermal: LD50 = 2250 mg/kg; oral: LD50 = >5000 mg/kg		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Limette Art.-Nr. 646414

Revision date: 21.07.2023

Product code: f1004005

Page 4 of 9

### 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

High power 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.

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Limette Art.-Nr. 646414

Revision date: 21.07.2023

Product code: f1004005

Page 5 of 9

### 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:	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:		67 °C
Auto-ignition temperature:		not determined
pH-Value (at 20 °C):		5-6
Water solubility:		Immiscible
Vapour pressure:		not determined
Vapour pressure:		not determined
Density:		0,854 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

#### Other safety characteristics

Sublimation point:

not determined

Flow time:

not determined

## SECTION 10: Stability and reactivity

**Safety Data Sheet**

according to UK REACH Regulation

**Natürliches ätherisches Öl Limette Art.-Nr. 646414**

Revision date: 21.07.2023

Product code: f1004005

Page 6 of 9

**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 mg/kg	>5000		
	dermal	LD50 mg/kg	2250		

**Irritation and corrosivity**

Causes skin irritation.

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

**Sensitising effects**

Contains dipentene; limonene, citral, beta-Pinen, alpha-Pinen, geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol.

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

**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

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Limette Art.-Nr. 646414

Revision date: 21.07.2023

Product code: f1004005

Page 7 of 9

- 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)

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

#### Other applicable information (land transport)

Special provisions: 274 601 640H  
Transport category: 3

#### Marine transport (IMDG)

# Safety Data Sheet

according to UK REACH Regulation

## Natürliches ätherisches Öl Limette Art.-Nr. 646414

Revision date: 21.07.2023

Product code: f1004005

Page 8 of 9

<b>14.1. UN number or ID number:</b>	UN 3082
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<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

### Other applicable information (marine transport)

Special provisions: 223, 330, 274, 944, 955

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

<b>14.1. UN number or ID number:</b>	UN 3082
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<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
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): 69 % (621,00 g/L)

#### National regulatory information

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

#### Additional information

Customs tariff number 33029010

### 15.2. Chemical safety assessment

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

## SECTION 16: Other information



**Safety Data Sheet**

according to UK REACH Regulation

**Natürliches ätherisches Öl Limette Art.-Nr. 646414**

Revision date: 21.07.2023

Product code: f1004005

Page 9 of 9

**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 Acute 1; H400	Calculation method
Aquatic Chronic 1; H410	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.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains dipentene; limonene, citral, beta-Pinen, alpha-Pinen, geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol. May produce an allergic reaction.

**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.)*