

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

Revision date: 20.03.2023

Product code: F1000488

Page 1 of 9

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

1.1. Product identifier

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

UFI: 9NEF-FDNN-N801-X490

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

GB CLP Regulation

Flam. Liq. 3; H226
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
alpha-Pinen
3,7-Dimethyl-2,6-octadien-1-al (cis und trans)
linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool

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

H226 Flammable liquid and vapour.
H315 Causes skin irritation.

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

Revision date: 20.03.2023

Product code: F1000488

Page 2 of 9

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

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use smoke to extinguish.
P391 Collect spillage.
P403+P235 Store in a well-ventilated place. Keep cool.

Special labelling of certain mixtures

EUH208 Contains dipentene; limonene, alpha-Pinen, 3,7-Dimethyl-2,6-octadien-1-al (cis und trans), linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool. 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

P272-P280-P333+P313-P362+P364

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

Revision date: 20.03.2023

Product code: F1000488

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 | | | 50-100 % |
| | 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 | | | |
| 123-35-3 | 7-Methyl-3-methylenocta-1,6-dien | | | 1-2,49 % |
| | 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 | | | |
| 470-82-6 | 1,8-Cineol | | | <1 % |
| | 207-431-5 | | | |
| | | | | |
| 5392-40-5 | citral | | | < 1 % |
| | 226-394-6 | 605-019-00-3 | | |
| | Skin Irrit. 2, Skin Sens. 1; H315 H317 | | | |
| 13466-78-9 | 3,7,7-Trimethylbicyclo[4.1.0]hept-3-en | | | <1 % |
| | 236-719-3 | | | |
| | | | | |
| 78-70-6 | linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool | | | < 1 % |
| | 201-134-4 | 603-235-00-2 | | |
| | Skin Sens. 1B; 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 % |
| | dermal: LD50 = 2250 mg/kg; oral: LD50 = >5000 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.

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.

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

Revision date: 20.03.2023

Product code: F1000488

Page 4 of 9

After ingestion

Seek medical attention if problems persist.

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.

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.

Further information on storage conditions

Keep away from 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

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

Revision date: 20.03.2023

Product code: F1000488

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: | orange | |
| 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: | | 54 °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: | | 0,845 g/cm ³ |
| 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

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.

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

Revision date: 20.03.2023

Product code: F1000488

Page 6 of 9

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 | | | |

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

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

12.1. Toxicity

Very toxic to aquatic life.

12.2. Persistence and degradability

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

Revision date: 20.03.2023

Product code: F1000488

Page 7 of 9

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 1993 |
| <u>14.2. UN proper shipping name:</u> | FLAMMABLE LIQUID, N.O.S. (DIPENTEN) |
| <u>14.3. Transport hazard class(es):</u> | 3 |
| <u>14.4. Packing group:</u> | III |
| Hazard label: | 3 |
| Classification code: | F1 |
| Special Provisions: | 274 601 |
| Limited quantity: | 5 L |
| Excepted quantity: | E1 |
| Transport category: | 3 |
| Hazard No: | 30 |
| Tunnel restriction code: | D/E |

Other applicable information (land transport)

Special provisions: 274 601 640H

Marine transport (IMDG)

| | |
|---|--|
| <u>14.1. UN number or ID number:</u> | UN 1993 |
| <u>14.2. UN proper shipping name:</u> | FLAMMABLE LIQUID, N.O.S. (DIPENTENE , 3, 7 , 7 -Trimethylbicyclo[4.1.0]hept-3-ene), |
| <u>14.3. Transport hazard class(es):</u> | 3 |
| <u>14.4. Packing group:</u> | III |
| Hazard label: | 3 |
| Marine pollutant: | ja |
| Special Provisions: | 223, 274, 955 |

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

Revision date: 20.03.2023

Product code: F1000488

Page 8 of 9

Limited quantity: 5 L
 Excepted quantity: E1
 EmS: F-E, S-E

Other applicable information (marine transport)

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

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S.DIPENTENE)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3
 Special Provisions: A3
 Limited quantity Passenger: 10 L
 Passenger LQ: Y344
 Excepted quantity: E1
 IATA-packing instructions - Passenger: 355
 IATA-max. quantity - Passenger: 60 L
 IATA-packing instructions - Cargo: 366
 IATA-max. quantity - Cargo: 220 L

Other applicable information (air transport)

E1
 Y309

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): 94,41 % (849,69 g/l)

National regulatory information

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

Additional information

Customs tariff number 33074900

15.2. Chemical safety assessment

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

SECTION 16: Other information**Changes**

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

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl ausbiologischem Anbau Orange Art.-Nr. 656503

Revision date: 20.03.2023

Product code: F1000488

Page 9 of 9

Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Flam. Liq. 3; H226 | On basis of test data |
| 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. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH208 | Contains dipentene; limonene, alpha-Pinen, 3,7-Dimethyl-2,6-octadien-1-al (cis und trans), linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool. 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.)