

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Natürliches ätherisches Öl Rosmarinöl Art.-Nr. 646402

Revision date: 13.04.2021

Product code: F1000490

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

1.1. Product identifier

Natürliches ätherisches Öl Rosmarinöl Art.-Nr. 646402

UFI: CJRW-GD45-QJ61-YUDH

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:

Flammable liquid: Flam. Liq. 3

Respiratory or skin sensitisation: Skin Sens. 1

Specific target organ toxicity - single exposure: STOT SE 2

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 1

Hazard Statements:

Flammable liquid and vapour.

May cause an allergic skin reaction.

May cause damage to organs.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Bornan-2-on

alpha-Pinen

beta-Pinen

dipentene; limonene

linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool

Signal word: Warning

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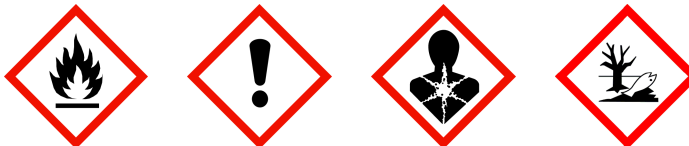
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Pictograms:**Hazard statements**

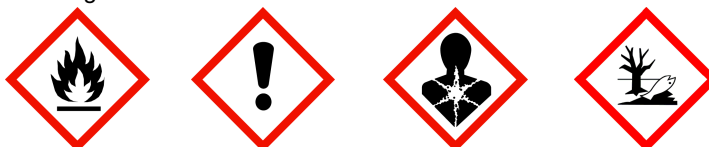
H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H371	May cause damage to organs.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P270	Do not eat, drink or smoke when using this product.
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.
P362+P364	Take off contaminated clothing and wash it before reuse.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor.
P370+P378	In case of fire: Use CO2 to extinguish.
P391	Collect spillage.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Special labelling of certain mixtures

EUH208	Contains Bornan-2-on, alpha-Pinen, beta-Pinen, dipentene; limonene, linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool. May produce an allergic reaction.
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Labelling of packages where the contents do not exceed 125 ml**Signal word:** Warning**Pictograms:****Hazard statements**

H317

Precautionary statements

P272-P280-P302+P352-P321-P362+P364-P501

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			
470-82-6	1,8-Cineol			>25-50 %
	207-431-5			
76-22-2	Bornan-2-on			>10-20 %
	200-945-0			
	Flam. Sol. 2, Acute Tox. 4, Acute Tox. 4, STOT SE 2; H228 H332 H302 H371			
7785-26-4	alpha-Pinen			>10-20 %
	232-077-3			
	Flam. Liq. 3, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H317 H304 H400 H410			
18172-67-3	beta-Pinen			>5-<10 %
	242-060-2			
	Flam. Liq. 3, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H317 H304 H400 H410			
79-92-5	Camphen			>2,5-5 %
	201-234-8			
	Flam. Sol. 1, Eye Irrit. 2, Aquatic Chronic 1; H228 H319 H410			
138-86-3	dipentene; limonene			>2,5-<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			
98-55-5	p-Menth-1-en-8-ol			1-2,5 %
	202-680-6			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
99-87-6	p-Cymol			1-2,5 %
	202-796-7			
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H304 H411			
123-35-3	7-Methyl-3-methylenocta-1,6-dien			1-2,5 %
	204-622-5			
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H304 H412			
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		
76-22-2	200-945-0	Bornan-2-on	>10-20 %
	inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: ATE = 500 mg/kg		

SECTION 4: First aid measures

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4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.
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 (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

General measures

Use appropriate respiratory protection.
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

Other information

Absorb with liquid-binding material (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.

Further information on storage conditions

Keep away from heat.

7.3. Specific end use(s)

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No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
76-22-2	Bornan-2-one	2	13		TWA (8 h)	WEL
		3	19		STEL (15 min)	WEL

8.2. Exposure controls

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.

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):		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:	52 °C
Sustaining combustion:	No data available

Explosive properties

not Explosive.

Lower explosion limits:	not determined
Auto-ignition temperature:	not determined
Vapour pressure:	not determined
Vapour pressure:	not determined
Density:	0,909 g/cm ³
Water solubility:	Immiscible
Partition coefficient n-octanol/water:	not determined

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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

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
76-22-2	Bornan-2-on				
	oral	ATE 500 mg/kg			
	inhalation vapour	ATE 11 mg/l			
	inhalation aerosol	ATE 1,5 mg/l			

Irritation and corrosivity

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

Sensitising effects

Contains Bornan-2-on, alpha-Pinen, beta-Pinen, dipentene; limonene, linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool. May produce an allergic reaction. May cause an allergic skin reaction. (alpha-Pinen; beta-Pinen; dipentene; limonene; 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

May cause damage to organs. (Bornan-2-on)

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

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No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

Remark:

Very toxic to fish. Very toxic to daphnia. Very toxic to algae. Toxic to fish. Toxic to daphnia.

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)

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:</u>	UN 1993
<u>14.2. UN proper shipping name:</u>	FLAMMABLE LIQUID, N.O.S. (1,8-Cineol, alpha-PINEN), UMWELTGEFÄHRDEND
<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:</u>	UN 1993
<u>14.2. UN proper shipping name:</u>	FLAMMABLE LIQUID, N.O.S. (1,8-Cineol, alpha-PINENE), MARINE POLLUTANT
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	III
Hazard label:	3
Marine pollutant:	j

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Special Provisions: 223, 274, 955
 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: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S.. (1,8-Cineol, alpha-PINENE)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3
 Special Provisions: A
 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

2004/42/EC (VOC): 47,36 g/Liter
 Information according to 2012/18/EU (SEVESO III): E1 Hazardous to the Aquatic Environment
 Additional information: P5c

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.

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

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Skin Sens. 1; H317	Calculation method
STOT SE 2; H371	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.
H302	Harmful if swallowed.
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.
H332	Harmful if inhaled.
H371	May cause damage to liver by inhalation.
H371	May cause damage to organs.
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 Borman-2-on, alpha-Pinen, beta-Pinen, dipentene; limonene, 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.)