

Safety Data Sheet

according to UK REACH Regulation

Natürliches ätherisches Öl aus biologischem Anbau Salbei, Art.-Nr. 636510

Revision date: 20.03.2023

Product code: f1000455

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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: TUAF-RDVJ-H80P-3V1V

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

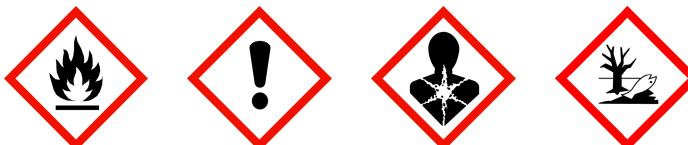
SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****GB CLP Regulation**

Flam. Liq. 3; H226
 Acute Tox. 4; H302
 Acute Tox. 4; H332
 Skin Sens. 1; H317
 STOT SE 2; H371
 Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

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

Bornan-2-on
 beta-Pinen
 dipentene; limonene
 linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool

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

H226	Flammable liquid and vapour.
H302+H332	Harmful if swallowed or if inhaled.
H317	May cause an allergic skin reaction.
H371	May cause damage to organs (lung).
H411	Toxic to aquatic life with long lasting effects.

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Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P501 Dispose of contents/container to an appropriate recycling or disposal facility.
- P102 Keep out of reach of children.
- P101 If medical advice is needed, have product container or label at hand.
- P261 Avoid breathing smoke.
- P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P302+P352 IF ON SKIN: Wash with plenty of Water and soap..
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P312 Call a POISON CENTER/doctor if you feel unwell.

Special labelling of certain mixtures

- EUH208 Contains Bornan-2-on, beta-Pinen, dipentene; limonene, 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

P501-P302+P352

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)			
76-22-2	Bornan-2-on			40 - < 45 %
	200-945-0			
	Flam. Sol. 2, Acute Tox. 4, Acute Tox. 4, STOT SE 2; H228 H332 H302 H371			
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			
138-86-3	dipentene; limonene			5 - < 10 %
	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 - < 5 %
	204-622-5			
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H304 H412			
115-95-7	3,7-Dimethyl-1,6-octadien-3-ylacetat			1 - < 5 %
	204-116-4			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
79-92-5	Camphen			1 - < 5 %
	201-234-8			
	Flam. Sol. 1, Eye Irrit. 2, Aquatic Chronic 1; H228 H319 H410			
99-85-4	p-Mentha-1,4-dien			1 - < 5 %
	202-794-6			
	Flam. Liq. 3, Asp. Tox. 1; H226 H304			
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			

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	40 - < 45 %
		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

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.

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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.

5.3. Advice for firefighters

No special measures are necessary.

SECTION 6: Accidental release measures

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.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

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

not applicable

7.3. Specific end use(s)

Keep locked up and out of reach of children.

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

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Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

Wear suitable gloves.

Before using check leak tightness / impermeability.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	light 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:		54 °C
pH-Value (at 20 °C):		not determined
Water solubility:		easily soluble.
Density (at 20 °C):		0,917 g/cm ³

9.2. Other information

Other safety characteristics

Sublimation point: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

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 GB CLP Regulation

Acute toxicity

Irritant effect on the skin: non-irritant.

Irritant effect on the eye: non-irritant.

ATEmix calculated

ATE (oral) 1250,0 mg/kg; ATE (inhalation dust/mist) 3,750 mg/l

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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 dust/mist	ATE 1,5 mg/l			

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**

Toxic to aquatic life.

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.

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.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number or ID number: UN 1993

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14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. 1,8-Cineol alpha-Pinen
14.3. Transport hazard class(es):	3
14.4. Packing group:	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

Marine transport (IMDG)

14.1. UN number or ID number:	UN 1993
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S.1,8-Cineol alpha-Pinen
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3
Special Provisions:	223, 274, 955
Limited quantity:	5 L
Excepted quantity:	E1
EmS:	F-E, S-E

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. 1,8-Cineol alpha-Pinen
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

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	Yes
Danger releasing substance:	1,8-Cineol alpha-Pinen

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): 6 % (54,01) g/Liter

National regulatory information

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

Additional information

Zoll-Tarif-Nr. 33074900

SECTION 16: Other information

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Changes

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

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

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Acute Tox. 4; H302	Calculation method
Acute Tox. 4; H332	Calculation method
Skin Sens. 1; H317	Calculation method
STOT SE 2; H371	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.
H302	Harmful if swallowed.
H302+H332	Harmful if swallowed or if inhaled.
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 organs (lung).
H371	May cause damage to liver if inhaled.
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 Bornan-2-on, beta-Pinen, dipentene; limonene, linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool. May produce an allergic reaction.

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