

# Safety Data Sheet

according to UK REACH Regulation

## BIO Öl Kiefer Art.-Nr. 636512

Revision date: 26.09.2024

Product code: F1BIO4003

Page 1 of 8

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

#### 1.1. Product identifier

BIO Öl Kiefer Art.-Nr. 636512

#### Further trade names

Botanical name: Pinus sylvestris L.

UFI: NAM3-J1W4-JS2Q-JR5Q

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

##### Use of the substance/mixture

For sauna and evaporator shells, wherever water is brought to boiling in a container. Dropwise add to the evaporator shell, about 2-5 ml per liter of water.

#### 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  
 Skin Sens. 1; H317  
 Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

##### GB CLP Regulation

##### Hazard components for labelling

(S)-p-mentha-1,8-diene; l-limonene

**Signal word:** Warning

##### Pictograms:



##### Hazard statements

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

##### Precautionary statements

P102	Keep out of reach of children.
------	--------------------------------

# Safety Data Sheet

according to UK REACH Regulation

## BIO ÖI Kiefer Art.-Nr. 636512

Revision date: 26.09.2024

Product code: F1BIO4003

Page 2 of 8

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

### Special labelling of certain mixtures

EUH208 Contains (S)-p-mentha-1,8-diene; l-limonene. 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

P280-P333+P313-P362+P364-P501

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
5989-54-8	(S)-p-mentha-1,8-diene; l-limonene			5 - < 10 %
	227-815-6	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			5 - < 10 %
	204-622-5			
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H304 H412			
79-92-5	Camphen			1 - < 5 %
	201-234-8			
	Flam. Sol. 1, Eye Irrit. 2, Aquatic Chronic 1; H228 H319 H410			

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		
5989-54-8	227-815-6	(S)-p-mentha-1,8-diene; l-limonene	5 - < 10 %
	oral: LD50 = 4400 mg/kg		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

# Safety Data Sheet

according to UK REACH Regulation

**BIO ÖI Kiefer Art.-Nr. 636512**

Revision date: 26.09.2024

Product code: F1BIO4003

Page 3 of 8

**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**

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**

# Safety Data Sheet

according to UK REACH Regulation

## BIO ÖI Kiefer Art.-Nr. 636512

Revision date: 26.09.2024

Product code: F1BIO4003

Page 4 of 8

### 8.2. Exposure controls

#### 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:	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:		34 °C
pH-Value (at 20 °C):		not determined
Water solubility:		not determined
Vapour pressure:		not determined
Density (at 20 °C):		0,873 g/cm <sup>3</sup>

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Self-ignition temperature

Solid:

not determined

Gas:

not determined

##### Oxidizing properties

No data available

#### Other safety characteristics

##### Sublimation point:

not determined

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.4. Conditions to avoid

Keep away from heat..

### 10.5. Incompatible materials

Oxidizing agents, strong.

#### 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.

**Safety Data Sheet**

according to UK REACH Regulation

**BIO ÖI Kiefer Art.-Nr. 636512**

Revision date: 26.09.2024

Product code: F1BIO4003

Page 5 of 8

**ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
5989-54-8	(S)-p-mentha-1,8-diene; l-limonene				
	oral	LD50 4400 mg/kg	Rat		

**Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

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

**Sensitising effects**

May cause an allergic skin reaction. ((S)-p-mentha-1,8-diene; l-limonene)

Contains (S)-p-mentha-1,8-diene; l-limonene. May produce an allergic reaction.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive toxicity: 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

**11.2. Information on other hazards****Other information**

No information available.

**SECTION 12: Ecological information****12.1. Toxicity**

Very toxic to aquatic organisms.

**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**

# Safety Data Sheet

according to UK REACH Regulation

## BIO ÖI Kiefer Art.-Nr. 636512

Revision date: 26.09.2024

Product code: F1BIO4003

Page 6 of 8

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.

## SECTION 14: Transport information

### **Land transport (ADR/RID)**

<b><u>14.1. UN number or ID number:</u></b>	UN 1272
<b><u>14.2. UN proper shipping name:</u></b>	PINE OIL
<b><u>14.3. Transport hazard class(es):</u></b>	3
<b><u>14.4. Packing group:</u></b>	III
Hazard label:	3
Classification code:	F1
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

### **Marine transport (IMDG)**

<b><u>14.1. UN number or ID number:</u></b>	UN 1272
<b><u>14.2. UN proper shipping name:</u></b>	PINE OIL
<b><u>14.3. Transport hazard class(es):</u></b>	3
<b><u>14.4. Packing group:</u></b>	III
Hazard label:	3
Marine pollutant:	P
Special Provisions:	-
Limited quantity:	5 L
Excepted quantity:	E1
EmS:	F-E, S-E

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

<b><u>14.1. UN number or ID number:</u></b>	UN 1272
<b><u>14.2. UN proper shipping name:</u></b>	PINE OIL
<b><u>14.3. Transport hazard class(es):</u></b>	3
<b><u>14.4. Packing group:</u></b>	III
Hazard label:	3
Limited quantity Passenger:	10 L
Passenger LQ:	Y344
Excepted quantity:	E1

**Safety Data Sheet**

according to UK REACH Regulation

**BIO ÖI Kiefer Art.-Nr. 636512**

Revision date: 26.09.2024

Product code: F1BIO4003

Page 7 of 8

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:	(S)-p-mentha-1,8-diene; l-limonene

**Other applicable information**

Hazchem code:	3Y
---------------	----

**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

Directive 2004/42/EC on VOC in  
paints and varnishes: 11 % (96,03 g/l)

**National regulatory information**

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

**Additional information**

Zoll-Tarif-Nr. 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): 1.

**Abbreviations and acronyms**

Flam. Liq: Flammable liquids  
 Flam. Sol: Flammable solids  
 Asp. Tox: Aspiration hazard  
 Skin Irrit: Skin irritation  
 Eye Irrit: Eye irritation  
 Skin Sens: Skin sensitisation  
 Aquatic Acute: Acute aquatic hazard  
 Aquatic Chronic: Chronic aquatic hazard

**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 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.
H319	Causes serious eye irritation.

**Safety Data Sheet**

according to UK REACH Regulation

**BIO Öl Kiefer Art.-Nr. 636512**

Revision date: 26.09.2024

Product code: F1BIO4003

Page 8 of 8

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 (S)-p-mentha-1,8-diene; l-limonene. May produce an allergic reaction.

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