



Safety Data Sheet according to Regulation (EC) No. 1907/2006  
(amended by Regulation (EU) No. 453/2010)  
BIOSTAR BIO-CHAINSAW OIL

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BIOSTAR OIL GMBH | 8413 Ragnitz 100 | AUSTRIA

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VERSION 2 | ENGLISH (UK)

## 2 Safety Data Sheet BIOSTAR BIO-CHAINSAW OIL according to Regulation (EC) No. 1907/2006 (amended by Regulation No. 453/2010)

### 1. Identification of the substance/ mixture and of the company/ undertaking

#### 1.1 Product identifier

Substance name/ trade name:

**BIOSTAR BIO-CHAINSAW OIL**

This Safety Data Sheet is valid for all viscosities.

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

Do not use in closed oil circulations such as engine oil mixtures, hydraulic systems or transmissions.

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer / Supplier**  
**Street / P.O. Box**  
**Nat. identifier / postcode / city**

BIOSTAR OIL GmbH  
Ragnitz 100  
A-8413 Ragnitz

**Technical contact point**

**Telephone**

+43 (0) 3183 8620

**Fax**

+43 (0) 3183 8620-16

**Email**

biostar@biostar-oil.at

#### 1.4 Emergency telephone number

BIOSTAR OIL GmbH

+43 (0) 3183 8620

Monday-Thursday 8-12 o'clock and 13-17 o'clock

Friday 8-12 o'clock

### 2. Potential hazards

#### 2.1 Classification of the substance or mixture

The product is not classified according to Regulation (EC) No. 1272/2008.

#### 2.2 Label elements

**Label elements according to Regulation (EC) No. 1272/2008 (substances)**

**Pictogram / hazard symbol:**

Not applicable

#### 2.3 Other hazards

No other hazards known

### 3. Composition/ information on ingredients

It is a mixture of natural fatty acid esters with specific additives.

Substance name:

Rapeseed oil

EC No. / CAS No.:

232-229-0 / 8002-13-9

Proportion:

> 96%

Classification according to Regulation  
(EC) No. 1272/2008:

No classification

#### 4. First aid measures

##### 4.1 Description of first aid measures

No special measures required.

###### After inhalation

Supply fresh air; consult doctor in case of complaints.

###### After skin contact

Rinse with plenty of water; remove contaminated clothes; generally the product does not irritate the skin, however, allergies can be triggered by vegetable oils in individual case. Consult doctor in case of irritation.

###### After eye contact

Rinse eyes for at least 10 minutes under running water, holding the eyelid open; consult doctor.

###### After swallowing

Rinse mouth out and drink plenty of water; avoid vomiting; consult doctor.

#### 5. Fire-fight measures

##### 5.1 Extinguishing media

Suitable: CO<sub>2</sub> extinguishing powder, water spray jet or foam

Unsuitable: Water full jet for safety reasons

##### 5.2 Special hazards arising from the substance or mixture

None

##### 5.3 Advice for fire-fighters

Wear protective gloves and breathing equipment.

#### 6. Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure sufficient ventilation.

##### 6.2 Environmental precautions

Do not allow it to enter the sewerage network or bodies of water.

##### 6.3 Methods and material for containment and cleaning up

Absorb with liquid binding material (sand, diatomite, universal binders, sawdust).

##### 6.4 Reference to other sections

No dangerous substances are released.

## 7. Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation at the workplace.  
Smoking and dealing with fire and open light sources is prohibited.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Information on storage conditions

Prevent any penetration into the ground.

#### Requirements to be met by storerooms and containers

Keep container tightly closed.

#### Storage class

VCI storage class 10 – flammable liquids

### 7.3 Specific end use(s)

#### Industry and sector specific guidance

Biodegradable chain oil

## 8. Exposure controls/ personal protection

### 8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### 8.2 Individual protection measures – personal protection

The usual precautions should be taken when handling chemicals.

Store protective work clothing separately.

Wash hands before breaks and at the end of work.

Shower or bath at the end of work.

Do not eat, drink, smoke or use tobacco at work.

#### Gloves

In full contact:

Glove material: Nitrile gloves

Penetration time (min.): The exact penetration time is to be obtained from the glove manufacturer and must be observed.

#### Eye protection

Wear protective goggles when decanting.

#### Respiratory protection

Necessary when vapours and aerosols are generated.

Filter A

#### Body protection

Protective clothing

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	
- Form:	Liquid
- Colour:	Light to dark yellow
Odour:	Vegetable oil
pH-value:	Neutral
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	~250°C
Ignition temperature:	Product is not self-igniting
Relative density:	At 15°C 0.9185 g/cm <sup>3</sup> according to DIN 51757
Solubility:	Practically water-immiscible
Auto-ignition temperature:	Product is not self-igniting

### 9.2 Chemical stability

Explosive properties:	Product is not explosive, nevertheless explosive vapour/ air mixtures can be generated.
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## 10. Stability and reactivity

### 10.1 Reactivity

No hazardous reactions

### 10.2 Possibility of hazardous reactions

No hazardous reactions

### 10.3 Conditions to avoid

Heat

### 10.4 Hazardous decomposition products

Carbon monoxide  
Acrolein

### 10.5 Other information

Explosive mixtures with air can be generated on intense heating.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### For mixtures concerning the following effects

**Acute toxicity**

The main component is a foodstuff

**Irritation**

Prolonged skin contact may lead to skin irritation in individual cases.

**Corrosivity**

Non-corrosive

**Sensitisation**

No sensitising effect known

**Carcinogenicity**

No indication of carcinogenicity

**Mutagenicity**

No indication of mutagenicity

**Reproductive toxicity**

No indication of reproductive toxicity

## 12. Ecological information

### 12.1 Toxicity

The main component is a foodstuff.

### 12.2 Persistence and degradability

Very good biodegradability

### 12.3 Bio-accumulative potential

Non-bio-accumulative

## 13. Disposal considerations

### 13.1 Waste treatment methods

**Treatment of uncleaned packaging**

The packaging should be disposed of in accordance with the Packaging Ordinance.

**Waste code according to European Waste Catalogue**

Disposal pursuant to ÖNORM S 2100 key group 12

**Special precautions**

Must not be disposed of together with household waste.

Should only be disposed of by approved companies.

**Relevant EU or other provisions**

EAK 130207 readily biodegradable lubricating oils

## 14. Transport information

**ADR/RID** The product is not a hazardous material according to transport regulations.

### 14.1 Environmental hazard

**Environmentally hazardous substance label**

ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: X No

Marine Pollutant: X No

### 14.2 Special precautions for the user

The usual precautions should be taken when handling chemicals.

In our experience and according to the literature provided to us the product does not cause any noxious effects when used and handled according to regulations.

The product is not subject to classification according to the calculation methods of the General Classification Guideline for Preparations of the EC in the latest valid version.

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**Water hazard class**

WGK 1 (self-assessment)

### 15.2 Chemical safety assessment

No further assessment indicated, as the product has a low hazard potential.

## 16. Other information

**Amendments to the last version:**

First version

**According to Regulation (EC) Nr. 1272/2008:**

No labelling

**Other information:**

The information contained herein is based on the present state of our knowledge, however they are no assurance of product properties and do not justify a contractual legal relationship.