

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
with its amendment Regulation (EU) 2020/878  
Version 3.0  
Revision Date 2.5.2023  
Print Date 02.05.2023

**3T**Supplies AG

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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifiers

**Product name:** Peach Shredder Special Oil, PS100-05  
**Article number:** 510917  
**MSDS Code:** Off0008-3e

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

**Identified uses:** Lubricant for shredders  
**Uses advised against:** None known.

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

**Company:** 3T Supplies AG  
Chaltenbodenstrasse 6D  
CH-8834 Schindellegi  
Switzerland  
**Telephone:** +41 44 787 68 30  
**Fax:** +41 44 787 68 50  
**E-mail address:** [info@peach.info](mailto:info@peach.info)

### 1.4 Emergency telephone number

**Emergency Phone:** Switzerland:  
+41 44 787 68 30 (08:00-17:00 Central European Time)  
145 (Only for Switzerland)  
+41 44-251-5151 (Swiss Toxicological Information Center)

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## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008

Not a hazardous substance or mixture.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixture

**Information on components:**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
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Version 3.0  
Revision Date 2.5.2023  
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**3T**Supplies AG

Chemical Name	CAS-No.	EC-No.	REACH Registration No.	Index No.	% [w/w]	Classification according to regulation 1272/2008 (CLP)
Soybean oil, epoxidized ESBO	8013-07-8	232-391-0	-	-	>99	

No components need to be disclosed according to the applicable regulations.

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General:** Consult a physician. Show this material safety data sheet to the doctor in attendance.  
**Inhalation:** If breathed in, move to fresh air. If symptoms persist, call a physician.  
**Skin contact:** Wash off with soap and plenty of water.  
**Eye Contact:** Rinse thoroughly with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, seek medical attention.  
**Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:** None known.

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

Carbon oxides.

### 5.3 Advice for fire fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Avoid breathing vapours, mist or gas.

### 6.2 Environmental precautions

# SAFETY DATA SHEET

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**3T**Supplies AG

Do not let product enter drains.

## 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## 6.4 Reference to other sections

For disposal see section 13.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

For precautions see section 2.2.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Components with workplace control parameters:**

### 8.2 Exposure controls

**Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

**Eye/face protection:**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

**Body Protection:**

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:**

Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose

# SAFETY DATA SHEET

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Version 3.0  
Revision Date 2.5.2023  
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**3T**Supplies AG

combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure:** Do not let product enter drains.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance:**

Physical state: Viscous liquid  
Colour: Light yellow

**Odour:** No data available.

**Odour Threshold:** No data available.

**pH:** No data available.

**Melting point/freezing point:** No data available.

**Initial boiling point and boiling range:** > 250 °C

**Flash point:** 231 °C

**Evaporation rate:** No data available.

**Flammability (solid, gas):** No data available.

**Upper/lower flammability or explosive limits:**

Lower limit: No data available.  
Upper limit: No data available.

**Vapour pressure:** No data available.

**Vapour density:** No data available.

**Relative density:** 0.997 kg/L

**Water solubility:** No data available.

**Partition coefficient, n-octanol/water:** log Pow: > 6,2

**Auto-ignition temperature:** No data available.

**Decomposition temperature:** No data available.

**Viscosity (kinematic):** No data available.

**Explosive properties:** No data available.

**Oxidizing properties:** No data available.

# SAFETY DATA SHEET

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**3T**Supplies AG

## 9.2 Other safety information

No information available.

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

No data available.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known. Other decomposition products - No data available In the event of fire: see section 5

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<b>Acute toxicity:</b>	LD50 Oral - Rat - male and female - > 5.000 mg/kg (OECD Test Guideline 401) LD50 Dermal - Rabbit - > 2.000 mg/kg
<b>Skin corrosion/irritation</b>	Skin - Rabbit Result: Mild skin irritation
<b>Serious eye damage/ eye irritation:</b>	Eyes - Rabbit Result: Mild eye irritation (OECD Test Guideline 405)
<b>Respiratory or skin sensitization:</b>	Maximization Test - Guinea pig Result: Does not cause skin sensitization. (OECD Test Guideline 406)
<b>Germ cell mutagenicity:</b>	Mouse lymphocyte Result: negative
<b>Carcinogenicity:</b>	IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity:</b>	No data available

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**3T**Supplies AG

**Specific target organ toxicity – single exposure :** No data available

**Specific target organ toxicity - repeated exposure :** No data available

**Aspiration hazard :** No data available

**Additional Information RTECS:** Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Toxicity to fish:** LC50 - Leuciscus idus (Golden orfe) - 900 mg/l - 48 h

**Toxicity to daphnia and other aquatic invertebrates:** EC50 - Daphnia magna (Water flea) - > 100 mg/l – 24 h

**Toxicity to algae:** EC50 - Desmodesmus subspicatus (green algae) – 8 mg/l – 72 h

### 12.2 Persistence and degradability

**Biodegradability:** aerobic - Exposure time 28 d Result: 92 % - Readily biodegradable. (OECD Test Guideline 301B)

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

No data available.

### 12.7 Additional Information

No data available.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
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Version 3.0  
Revision Date 2.5.2023  
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**3T**Supplies AG

**Product:** Dispose of in accordance with local regulations.

**Contaminated packaging:** Dispose of as unused product.

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## 14. TRANSPORT INFORMATION

ADR/RID: 3082  
IMDG: 3082  
IATA: 3082

### 14.1 UN number

Not applicable.

### 14.2 UN proper shipping name

ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Soybean oil, epoxidized)  
IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Soybean oil, epoxidized)  
IATA: Environmentally hazardous substance, liquid, n.o.s. (Soybean oil, epoxidized)

### 14.3 Transport hazard class(es)

ADR/RID: 9                                      IMDG: 9                                      IATA: 9

### 14.4 Packaging group

ADR/RID: III                                      IMDG: III                                      IATA: III

### 14.5 Environmental hazards

ADR/RID: yes                                      IMDG Marine pollutant: yes                                      IATA: yes

### 14.6 Special precautions for user

#### Further information:

EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids. Packages smaller than or equal to 5 kg / L , not dangerous goods of Class 9

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## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 and their changes.

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

Not available.

### 15.2 Chemical Safety Assessment

Not available.

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## 16. OTHER INFORMATION

# SAFETY DATA SHEET

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## Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The users working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. It does not represent any guarantee of the properties of the product. 3T Supplies AG and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

## List of abbreviations and acronyms that may be but not necessarily used in this safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists  
BEI: Biologischer Expositionsindex  
BAT: Biologischer Arbeitsstoff-Toleranzwert (biological tolerance value)  
CAS: Chemical Abstracts Service  
CMR: Carcinogenic, Mutagenic or Toxic for Reproduction  
Ecxx: Effective Concentration  
FG: food grade  
GHS: Harmonized System of Classification and Labeling of Chemicals  
H-Phrase: H-statement  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation International Air Transport Association  
ICAO: International Civil Aviation Organization  
ICAO-TI (ICAO): International Civil Aviation Organization  
IC: Inhibitory Concentration  
IMDG: International Maritime Code for Dangerous Goods  
ISO: International Organization for Standardization  
LC: Lethal Concentration  
LD: Lethal Dose  
logPow: Octanol / water partition coefficient  
OECD: Organization for Economic Co-operation and Development)  
AGW: Arbeitsplatzgrenzwert (N.O.S.)  
PBT: Persistent, bioaccumulative and toxic  
PEC: Predicted Effect Concentration  
PEL: Permissible Exposure Limits  
PNEC: Predicted No Effect Concentration  
PSA: Persönliche Schutzausrüstung  
P-Phrases: P-statement  
NOEL: No Observed Effect Level  
NOAEL: No Observed Adverse Effect Level  
STEL: Short-term exposure limit  
STOT: Specific Target Organ Toxicity  
TLV: Threshold Limit Value  
TWA: Time-weighted average  
vPvB: Very Persistent and Very Bioaccumulative  
WEL: Workplace Exposure Level  
MAK: Maximale Arbeitsstoffkonzentration (maximum workplace concentration)  
ADNR: Regulation on the transport of dangerous goods on the Rhine  
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.  
CLP: Classification, Labelling and Packaging  
CSA: Chemical Safety Assessment  
CSR: Chemical Safety Report



# SAFETY DATA SHEET

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Version 3.0  
Revision Date 2.5.2023  
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**3T**Supplies AG

DNEL: Derived No Effect Level

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Concerning the International Transport of Dangerous Goods by Rail

WGK: Deutsche Wassergefährdungsklasse (German water hazard class)

AUVA: Allgemeine Unfallversicherungsanstalt, Austria

FIOH: Finnish Institute of Occupational Health, Finland

HSL: Health and Safety Laboratory, Great Britain

INRS: Institut National de Recherche et de Sécurité, France

ITM : Institute for Applied Environmental Research, Air Pollution Laboratory, Sweden

INSHT: Instituto Nacional de Seguridad e Higiene en el Trabajo, Spain

NIOSH: National Institute for Occupational Safety and Health, USA

NIOM: Nofer Institute of Occupational Medicine, Poland

NFSZ: Nemzeti Munkaügyi Hivatal, Hungary

SUVA: Schweizerische Unfallversicherung, Switzerland

DFG: Deutsche Forschungsgemeinschaft (Senate Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area), Germany