

**SAFETY DATA SHEET****Shredder oil**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 07.04.2015

Revision date 11.08.2020

1.1. Product identifier

Product name Shredder oil

Article no. L03000000115

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

Product group Specialty products

Relevant identified uses
SU0-1 Other activity related to manufacturing of chemical products
PC19 Intermediate
PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)
ERC8A Wide dispersive indoor use of processing aids in open systems

1.3. Details of the supplier of the safety data sheet**Distributor**

Company name Kleinmann GmbH

Postal address Am Trieb 13

Postcode D-72820

City Sonnenbuehl

Country Germany

Telephone number +49(0)7128/9292-15

Fax +49(0)7128/9292-415

Email chemie@kleinmann.net

Website <http://www.kleinmann.net>

Enterprise No. DE 146 487

1.4. Emergency telephone number

Emergency telephone

Description: 8-12, Mo.-Fr. +49(0)7128/9292-15

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Substance / mixture hazardous properties

Not regarded as a health or environmental hazard under current legislation.

Additional information on classification

The product is not classified.

2.2. Label elements

Other label information (CLP)

Does not require a hazard warning label.

2.3. Other hazards

Health effect

May cause minor irritation on eye contact.
See section 11 for additional information on health hazards.

Environmental effects

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: Composition / information on ingredients

3.1. Substances

Substance comments

Contains no classified components. Contains:
White mineral oil

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Fresh air. Get medical attention if any discomfort continues.

Skin contact

Wash skin with soap and water.

Eye contact

Rinse with water. Contact physician if discomfort continues.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Recommended personal protective equipment for first aid responders

Wear necessary protective equipment. For personal protection, see section 8.

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

Acute symptoms and effects

No specific symptoms noted.

Delayed symptoms and effects

No known long term effects.

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

Other information

If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards This product is not flammable. During fire, gases hazardous to health may be formed. Carbon monoxide (CO) , Carbon dioxide (CO₂) .

5.3. Advice for firefighters

Personal protective equipment Wear necessary protective equipment. For personal protection, see section 8.

Fire fighting procedures Reference is made to the company fire procedure. If risk of water pollution occurs, notify appropriate authorities. Avoid breathing fire vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures Avoid contact with eyes. For personal protection, see section 8.
In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Environmental precautionary measures Avoid discharge into drains, water courses or onto the ground. Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

Cleaning method Dam and absorb spillage with sand, sawdust or other absorbent. Clean contaminated area with oil-removing material.

6.4. Reference to other sections

Other instructions See section 8 and section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling Avoid contact with eyes. Use work methods which minimize oil mist production.

7.2. Conditions for safe storage, including any incompatibilities

Storage Store in closed original container in a dry place.

7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

DNEL / PNEC

Summary of risk management measures, human Data lacking.

Summary of risk management measures, environment Data lacking.

8.2. Exposure controls

Precautionary measures to prevent exposure

Technical measures to prevent exposure No special precautions.

Eye / face protection

Suitable eye protection Eye protection is not required under normal conditions.

Hand protection

Skin- / hand protection, long term contact Under normal conditions of use gloves are not normally required.

Skin protection

Additional skin protection measures No special precautions.

Respiratory protection

Respiratory protection necessary at Respiratory protection is not required for normal use.

Thermal hazards

Thermal hazards None specific.

Appropriate environmental exposure control

Environmental exposure controls See section 6.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid.

Colour Colourless.

Odour Mild.

Odour limit Comments: Not relevant.

pH Status: In delivery state
Comments: Not relevant.

	Status: In aqueous solution Comments: Not relevant.
Melting point / melting range	Value: -12 °C
Boiling point / boiling range	Comments: Not relevant.
Flash point	Value: 257 °C
Evaporation rate	Comments: Not relevant.
Explosion limit	Comments: Not relevant.
Vapour pressure	Value: < 0,1 hPa Temperature: 20 °C
Vapour density	Comments: No data recorded.
Relative density	Value: 0,87 g/cm ³ Temperature: 15 °C
Bulk density	Comments: Not relevant.
Solubility	Comments: Insoluble in water.
Partition coefficient: n-octanol/ water	Value: > 3,5
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: No data recorded.
Viscosity	Value: 90 mm ² /s Method: ASTM D 7042 Temperature: 40 °C
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Other physical and chemical properties

Physical and chemical properties No data recorded.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No information.

10.4. Conditions to avoid

Conditions to avoid No information.

10.5. Incompatible materials

Materials to avoid No information.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: > 3000 mg/kg Species: Rabbit Rat Comments: Supplier MSDS Supplier MSDS</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: > 5000 mg/kg Species: Rat Comments: Supplier MSDS</p>
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Other information regarding health hazards

Assessment of acute toxicity, classification	No evidence for acute toxicity.
Inhalation	No known chronic or acute health risks.
Skin contact	Skin irritation is not anticipated when used normally.
Eye contact	May cause temporary eye irritation.
Ingestion	Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.
Sensitisation	No evidence for respiratory nor skin sensitization.
Mutagenicity	No evidence for germ cell mutagenicity.
Carcinogenicity, other information	No evidence for carcinogenicity.
Reproductive toxicity	No evidence for reproductive toxicity.
Assessment of specific target organ toxicity - single exposure, classification	No evidence for STOT-single exposure.
Assessment of specific target organ toxicity - repeated exposure, classification	No evidence for STOT-repeated exposure.
Assessment of aspiration hazard, classification	No evidence for aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity The environmental hazard of the product is considered to be limited.

12.2. Persistence and degradability

Persistence and degradability description/evaluation Not readily biodegradable (OECD).

12.3. Bioaccumulative potential

Bioaccumulation, evaluation No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is insoluble in water and will spread on the water surface.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Additional ecological information None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical Do not empty into drains; dispose of this material and its container in a safe way.

Dispose of waste and residues in accordance with local authority requirements.

Appropriate methods of disposal for the contaminated packaging Dispose unused product and the packaging in accordance with local requirements.

EWC waste code EWC waste code: 130205 mineral-based non-chlorinated engine, gear and lubricating oils
Classified as hazardous waste: No

EWL packing EWC waste code: 130205 mineral-based non-chlorinated engine, gear and lubricating oils
Classified as hazardous waste: No

Other information When handling waste, consideration should be made to the safety precautions applying to handling of the product. Waste code applies to product remnants in pure form.

SECTION 14: Transport information

14.1. UN number

Comments The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2. UN proper shipping name

Comments Not relevant.

14.3. Transport hazard class(es)

Comments Not relevant.

14.4. Packing group

Comments Not relevant.

14.5. Environmental hazards

IMDG Marine pollutant No

14.6. Special precautions for user

Special safety precautions for user Not relevant.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Other label information For professional users only.
The product is not classified.

Legislation and regulations The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242), with amendments.
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).
EH40/2005, Workplace exposure limits 2005, with amendments.
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

Training advice No particular training or education is required but the user must be familiar with this SDS.

Information added, deleted or revised

Relevant changes compared to the previous version of the safety data sheet are indicated with vertical lines in the left margin.

Version

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Prepared by

MP