



## SAFETY DATA SHEET

# DF1695 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 08.05.2018

#### 1.1. Product identifier

Product name Shredder oil  
Specification No. L03000000115  
Article no. DF1695

#### 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 productsPC19 IntermediatePROC5 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](mailto: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 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

### 3.2. Mixtures

Substance comments

Contains no classified components.

## 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

Other Information about threshold limit values

No data recorded.

### 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.
Specific gravity	Value: 0,87 g/cm <sup>3</sup> Temperature: 15 °C
Bulk density	Comments: Not relevant.
Solubility description	Insoluble in water.
Partition coefficient: n-oc-tanol/water	Value: > 3,5
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: No data recorded.
Viscosity	Value: 90 mm <sup>2</sup> /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 (CO<sub>2</sub>). Carbon monoxide (CO).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity

Type of toxicity: Acute  
 Effect tested: LD50  
 Route of exposure: Dermal  
 Value: > 3000 mg/kg  
 Species: Rabbit Rat  
 Comments: Supplier MSDS Supplier MSDS

Type of toxicity: Acute  
 Effect tested: LD50  
 Route of exposure: Oral  
 Value: > 5000 mg/kg  
 Species: Rat  
 Comments: Supplier MSDS

### 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 SE, classification No evidence for STOT-single exposure.

Assessment of specific target organ toxicity RE, 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, comments

The product is expected to be slowly biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential

The product contains potentially bioaccumulating substances.

### 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

PBT assessment results

Not Classified as PBT/vPvB by current EU criteria.

### 12.6. Other adverse effects

Environmental details, summary

For this product no classification is required for environmental hazards.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal

Do not allow runoff to sewer, waterway or ground. Confirm disposal procedures with environmental engineer and local regulations. -

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).
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## 14.2. UN proper shipping name

Comments	Not relevant.
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## 14.3. Transport hazard class(es)

Comments	Not relevant.
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## 14.4. Packing group

Comments	Not relevant.
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## 14.5. Environmental hazards

Comments	Not relevant.
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## 14.6. Special precautions for user

Special safety precautions for user	Not relevant.
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## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

### Additional information

Additional information	Not relevant.
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## 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.
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Legislation and regulations	<p>The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242). 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.</p> <p>The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895). EH40/2005, Workplace exposure limits 2005, with amendments.</p> <p>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.</p>
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### 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	All sections of the safety data sheet is updated.
Version	2
Prepared by	MP