

Safety Data Sheet

according to 2001/58/EC

1. Description of preparation and company

1.1 Description of Preparation

Shredder – oil

Supplier	Kleinmann GmbH
Address	Am Trieb 13 / - D - 72820 Sonnenbühl-Undingen
Telephone	07128 92 92-0
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Department	Dept. QS
Emergency Number	0049 (0)30 / 19240 Advice Center for Poisoning Symptoms, Berlin

2. Composition / information on components of preparation

2.1 general characterisation

Paraffin-oil with scents and tensides
CAS-Nr.: 8042-47-5
EINECS-Nr.: 232-455-8

3. Possible Dangers

- 3.1 description of dangers:** do not inhale oil-aerosol
3.2 special information on danger for people and environment:
do not introduce larger undiluted quantities into ground water, sewerage system or into waters.

4. First aid measures

- 4.1 general information**
no special measures.
- 4.2 inhaling**
supply fresh air or oxygen Consult emergency doctor if complaints are permanent.
- 4.3 skin contact**
Consult a doctor, if the product gets into the skin under high pressure.
- 4.4 eye contact**
rinse eyes under running water for a few minutes. Consult doctor.
- 4.5 swallowing**
Do not provoke vomiting and consult a doctor immediately.

5. Fire fighting measures

- 5.1 suitable extinguishing agents:**
CO₂, firefighting powder, alcohol resistant foam, **no water !**
- 5.2 extinguishing agents not suitable for safety reasons: water !**
- 5.3 special dangers caused by the material or the preparation, its combustion product or developing gases: -**
- 5.4 special protection equipment for firefighting: -**

6. Measures for accidental evolution

- see point 8 and point 13.**
- 6.1 personal safety measures:**
provide for sufficient ventilation.
- 6.2 environmental protection measures:**
do not introduce larger quantities into sewerage system or into waters.
- 6.3 cleaning methods:**
take up with liquid-absorbing material (sand, infusorial earth, acid binder, universal binder).

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7. Storage and handling

7.1 handling

information for safe handling:

wash your hands and use protective skin lotion before breaks and before end of work.
do not eat, drink and smoke at work.

information on protection of fire and explosion:

Class: (DIN EN2): B

7.2 storage

requirements for storage rooms and containers:

cool and dry storage in tightly closed bottles

information for materials stored together:

do not store together with oxidative agent.

8. Limitations of exposition and personal protection equipment

8.1 additional information for the arrangement of technical plants: -

8.2 components with limit values that are relevant to the workplace

product contains no components with limit values

additional information: the lists valid during time of drawing up are used as basis

8.3 personal protection equipment

breathing protection: wear protective mask in case of oil-aerosol

hand protection: wear solvent-resistant protective gloves in case of regular exposure.

eye protection: wear tight protective glasses in case of regular exposure.

general protection and hygiene measures:

take the usual measures for the use of chemicals.

9. Physical and chemical properties

	<u>value</u>	<u>unit</u>	<u>method</u>
9.1 appearance/smell:			
state:	liquid		
color:	transparent		
odor:	mild		
9.2 data relevant for safety			
change of state			
boiling point/boiling area *:	320-390		°C
flaming point :	200	°C	(in closed crucible)
danger of explosion:	product is not explosive.		
steam pressure *:	< 0,001	hPa	20°C
density:	0,853	g/cm ³	15°C
water solubility:	not mixable		
viscosity, kin. *:	17,8	mm ² /s	40 °C
9.3 additional information			
That with „*“ marked parameters refers on the most dangerous component in the preparation.			

10 Stability and reactivity

10.1 conditions to be avoided

no decomposition if used as agreed

10.2 material to be avoided

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- no dangerous reactions
- 10.3 hazardous decomposition products**
no hazardous decomposition products known if used as agreed.

11 Information concerning toxicology

11.1 toxicologic tests

LD₅₀ / LC₅₀ - values relevant for classification:

<u>component</u>	<u>type</u>	<u>methode</u>	<u>value</u>	<u>unit</u>	<u>species</u>
	orallyl	LD50	2000	mg/kg	rat

primary irritative effects:

on the skin:

light effects possible

in the eye:

n.d.a.

sensitizing effects:

no known sensitizing effects

cancer-causing effects:

n.d.a.

genetically harmful effects:

-

reproductively harmful effects:

-

- 11.2 experience with humans:** n.d.a.

12 Information on ecology

12.1 information about elimination:

Gesamtbeurteilung:

not easy biological decomposition
(self classification)

The biological decomposibility refers to the sum of the single additives.

- 12.2 behavior in environmental compartment:** k.D.v.

- 12.3 ecotoxic effects:** k.D.v.

12.4 additional ecologic information

hazard category for water:

WGK 1 (self classification)

n.d.a.

13 Information on disposal

13.1 product

recommendation:

comply with regulations of local authorities.

waste key number: 541 13

waste labeling: machine oil

14 Transport regulations

road-transport by ADR

no dangerous good according to the regulation above mentioned.

recommendation: store separately from food stuff and tobacco..

15 Regulations

15.1 labeling regulation on hazardous material including EC regulations (67/548/EEC as well as 88/379/EEC)

product does not require labeling

comply with the usual safety measures for the use of chemicals.

hazard category for water: WGK 1

(self classification category: water-endangering substance)

comply with limitations of use / limitations of distribution according to § 15 Gef.Stoff-VO.

comply with accident instructions BG: M 017 „solvents“.

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16. additional information

the information refers to the product in its condition on delivery.

department issuing data sheet: Dep. QS

Alterations are at the left margin with „* " marked.

Kleinmann GmbH

The data listed here is supposed to describe the product with respect to the necessary safety precautions. They do not aim at establishing certain properties, and they are based on the current level of our knowledge. No liability.