

# SAFETY DATA SHEET

For Reference Only

according to 91/155/EEC

Date 3-29 By KATY

04/04/2002

## 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Name: 

Application: Metalworking fluid - Neat (*Kangra - Oil*) Code: 16926

Company: **GERD EISENBLATTER GmbH**  
 Address: **Spezialschleifmittel**  
**Postfach 990**  
 Telephone: **D-82534 GERETSRIED**  
 Fax: **Tel. 0 81 71 / 93 84 - 0 · Fax 0 81 71 / 93 84 44**

## 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Ester basestocks and additives

### Hazardous Ingredient(s)

This product is not classified as hazardous based on compositional information

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or are exempt. Refer to Section 8 for Occupational Exposure Limits.

## 3: HAZARDS IDENTIFICATION

This product is NOT classified as hazardous

## 4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes.

Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Infrequent or short term skin contact requires no immediate action.

Inhalation: Remove from exposure.

Ingestion: Obtain medical attention urgently. Do NOT induce vomiting. Beware of aspiration if vomiting occurs.

## 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water fog - Do not use water jets.

Special Exposure Hazards: None

Special Protective Equipment: None

## 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Spill product presents a significant slip hazard.

Environmental Precautions: Prevent entry into drains, sewers and water courses.

Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means. Dispose of as waste.

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Handling:	Avoid creating spray mist. Concentrations of mist, fumes and vapours in enclosed spaces may result in the formation of explosive atmospheres. Excessive splashing, agitation or heating must be avoided. Working practices must be in accordance with machine tool manufacturers guidelines
Storage:	Store between (°C): 5-30
Storage class according to German VCI:	10
TA-Air / Appendix E (class):	III
Water Endangering Class:	1 (Selbsteinstufung)
VbF:	None

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Substance	None of the ingredients of this product have an occupational exposure limit
Engineering Control Measures:	Mechanical methods to minimise exposure must take precedence over personal protective measures.
Personal Protective Equipment:	Avoid skin and eye contact. Safety glasses. Avoid breathing spray mist. Change contaminated clothing and clean before re-use. A high standard of personal hygiene is essential

**9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid
Colour:	Light - Yellow
Odour:	Typical
pH(concentrate):	Not applicable (non-aqueous)
Boiling Point/Range (°C):	Not determined
Pour Point:	0
Flash Point (closed, °C):	203
Autoignition (°C):	Above 230
Explosive Properties (%):	Lower explosive limit (LEL, %): 0,2 Upper explosive limit (UEL, %): 3,0
Vapour Pressure (kPa at 20°C):	Below 0.1
Relative Density (at 20°C):	867 Kg/m <sup>3</sup>
Water Solubility:	Insoluble
Fat Solubility:	Not determined
Viscosity (40°C):	8,8 mm <sup>2</sup> /s

**10: STABILITY AND REACTIVITY**

Stability:	Stable, will not polymerise
Conditions to Avoid:	None known
Materials to Avoid:	Strong oxidising agents
Hazardous Decomposition Products:	None. Above 250 °C: Irritant fumes

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## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Expected oral LD<sub>50</sub>, rat > 2g/kg. Expected dermal LD<sub>50</sub>, rabbit > 2g/kg.

### Health Effects

- On Eyes: May cause transient irritation.
- On Skin: May defat the skin. Unlikely to irritate on brief or occasional exposure.
- By Inhalation: Mist and vapours may cause irritation to nose and respiratory tract. Low volatility makes inhalation unlikely at ambient temperatures.
- By Ingestion: May cause nausea, vomiting and diarrhoea. Aspiration of liquid during ingestion or vomiting may cause severe chemical pneumonitis.
- Chronic: Repeated and prolonged skin contact may lead to skin disorders.
- Other: None known

## 12: ECOLOGICAL INFORMATION

- Environmental Assessment: When used and disposed of as intended, no adverse environmental effects are foreseen.
- Mobility: Mobile liquid. Insoluble in water. Non-volatile.
- Persistence and Degradability: Not known
- Bioaccumulative Potential: Not bioaccumulative based on logP values of constituents.
- Ecotoxicity: Not expected to be toxic to aquatic organisms.
- Other Information: None

## 13: DISPOSAL CONSIDERATIONS

This Product must be disposed of according to applicable waste regulations. The following information is indicative/suggestive only. Different waste classifications may result, depending on use and origin.

Unused Product:	Disposal Code:	Recommended Disposal
	12 01 07	SAV
Used/Contaminated Product:	Waste machining oils free of halogens (not emulsified)	
	12 01 07	SAV
Packaging:	Waste machining oils free of halogens (not emulsified)	
	15 01 10	Container Disposal Synthetic drums / Steel drums In case of steel drums: May be steam cleaned and recycled
	Verpackungen, die Rückstände gefährlicher Stoffe enthalten oder durch gefährliche Stoffe verunreinigt sind	

## 14: TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

Other Information: Postal dispatch according AGB Paragraph 11 (Appendix)

## 15: REGULATORY INFORMATION

The product is a preparation and is NOT classified according to EEC Guideline 88/379

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EC Directives:	Dangerous Preparations Directive, 88/379/EEC Safety Data Sheets Directive, 91/155/EEC Framework Waste Directive, 91/156/EEC
National Regulatory Information:	Gesetz über die Beförderung gefährlicher Güter; Wasserhaushaltsgesetz; Chemikaliengesetz (ChemG); Gefahrstoffverordnung (GefStoffV); Abfallgesetz (AbfG); Altölverordnung (Altöl V); Bundes-Immissionsschutzgesetz (BImSchG); TA-Luft; Verpackungsverordnung (Vepackungsv)

## 16: OTHER INFORMATION

The information given is based on current knowledge. Products are described in terms of their safety data. The data does not signify any warranty with regard to the products' properties.

The product should only be used for the stated application or applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet.

Further information relating to the use of the product can be obtained from the technical datasheets.

*All changes that have been made since the last issue are displayed by the stars (\*) at every single section.*

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