

Safety data sheet

according to 91/155/EEC

Issue No.:

Date:

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1 Identification of the substance / Preparation and of the company / Undertaking

Name: **Tribol 1430**
 Application: Chain lubrication
 Code: 5742

Company:
 Address:

Telephone:
 Fax:

2 Composition / Information on ingredients

Composition Carboxylic acid ester and additives

Hazardous Ingredients 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 ELINCS (European List of Notified 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. Obtain medical attention if irritation persists.

Skin: Wash immediately with soap and water or suitable skin cleanser.

Inhalation: Remove from exposure. If feeling unwell obtain medical attention.

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: Irritant fumes. For further information see Section 10.

Special Protective Equipment: Self-contained breathing apparatus

6 Accidental release measures

Personal Precautions: Spilt product presents a significant slip hazard.

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

Decontamination Procedures: Soak up with suitable absorbent (eg sand or oil absorbent) and dispose of as waste according to local waste regulations.

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7 Handling and storage

Handling:	Do not eat, drink or smoke whilst using this product. Avoid aerosol formation.
Storage:	No special precautions.
TA-Air / Appendix E (class):	III
Water Endangering Class:	2 (Classification according to German regulations for preparations)
VbF:	None

8 Exposure control / Personal protection

Substance:	None of the ingredients of this product have an occupational exposure limit.
Engineering Control Measures:	Formation of decomposition products due to high temperatures (refer to section 10) or aerosols requires good ventilation.
Personal Protective Equipment:	Avoid skin and eye contact. Safety glasses. Impervious gloves (eg. PVC). Change contaminated clothing and clean before re-use.

9 Physical and chemical properties

Physical State:	Liquid
Colour:	Yellow
Odour:	Typical
pH (concentrate):	Not applicable (non-aqueous)
Pour Point (°C):	< -25
Flash Point (closed, °C):	266
Autoignition (°C):	Not determined
Explosive Properties (%):	Not determined
Vapour Pressure (kPa at 20°C):	Below 0.1
Relative Density (at 20 °C):	950 kg/m ³
Water Solubility:	Slightly
Viscosity (40°C):	150 mm ² /s

10 Stability and reactivity

Stability:	Stable, will not polymerise
Conditions to Avoid:	Temperatures (°C) above 240
Materials to Avoid:	Strong oxidising agents
Hazardous Decomposition Products:	Decomposition starts above 220°C; Irritant fumes; Sulphur compounds; Nitrogen compounds; Phosphorus compounds

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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 LD₅₀ , rat > 2g/kg. Expected dermal LD₅₀ , rabbit > 2g/kg

Health Effects

On Eyes:	May cause transient irritation
On Skin:	Unlikely to irritate on brief or occasional exposure.
By Inhalation:	When heated emits fumes that irritate the respiratory system. Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion:	Harmful if swallowed. 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:	Do not allow uncontrolled release to the environment
Mobility:	Slightly soluble in water. Liquid. Non-volatile.
Persistence and Degradability:	Not readily biodegradable
Bioaccumulative Potential:	Not determined
Ecotoxicity:	Not determined
Other Information:	None

13 Disposal considerations

Dispose of according to national waste regulations. The following disposal information is for Germany only. Do not mix with mineral oil which is to be re-refined or reclaimed.

	Disposal Code:
Unused Product:	13 02 03
Used / Contaminated Product:	13 02 03
Packaging:	15 01 99D1

14 Transport information

This product is NOT classified as dangerous for transport.

15 Regulatory information

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

EC Directives:	Dangerous Preparations Directive, 88/379/EEC Safety Data Sheets Directive, 91/155/EEC Framework Waste Directive, 91/156/EEC
National Regulatory Information:	Wasserhaushaltsgesetz: (WHG); Chemikaliengesetz: (ChemG); Gefahrstoffverordnung: (GefStoffV); Kreislaufwirtschafts- und Abfallgesetz: (KrW-AbfG); Alt* lverordnung: (Alt* IV); Bundes-Immissions- schutzgesetz: (BlmschG); Technische Anleitung Luft: (TA-Luft)

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16 Sonstige Angaben

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.