

# Material safety data sheet according 91/155/EWG

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## 1. Chemical product and company identification

Trade name: **POLY protection**

**Gerd Eisenblätter GmbH**  
**High Tech Schleif- und Poliertechnik**  
Jeschkenstr. 10, D-82538 Geretsried  
Phone: +49 (0) 8171 9384-0

Use of the preparation: lubricant

Information department: product security phone: +49 (0) 8171 9384-0

Phone-no of supplier for emergency information: +49 (0) 8171 9384-0

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## 2. Composition/information on ingredients

Chemical characteristics:

Extremely purified hydrocarbons. Quality in acc. with Ph.Eur. (European Pharmacopoe) and Deutsches Arzneibuch (DAB). CAS-no. 8042-47-5

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## 3. Possible risks

No special hazards have to be mentioned.

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## 4. First aid measures

General instructions	: change saturated clothing
In case of inhalation	: no data available
In case of skin contact	: no data available
After contact with eyes	: rinse eyes thoroughly with water
After ingestion	: Do not provoke vomiting. Danger of aspiration. Take approx. 5-10 g edible oil and evt. animal charcoal. Summon physician.

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## 5. Fire-fighting measures

Suitable extinguishing media	: foam, dry powder, carbon dioxide, water spray jet
Extinguishing media that must not be used	: full water jet
Special hazards from the substance itself, its combustion products or liberating gases	: In the event of fire the following can be released: carbon monoxide (CO)
Special protective equipment for fire fighters	: Do not inhale explosion and/or combustion gases
Further information	: Cool containers at risk with water spray jet

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## 6. Accidental release measures

Precautions for person	: forms slippery surfaces with water
Cleaning/Take-up-processes	: take up mechanically

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## 7. Handling and storage

Handling:

Instructions for safe handling : prevent the forming of oil mists. Keep container tightly closed.

Storage:

Requirements for storage rooms: no special measures required

Storing temperature max. : 50°C

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## 8. Exposure controls / personal protection

Personal protective outfit:

General protection and

hygienic measures:

: Change saturated clothing.

Pay attention to the generally hygiene in the workplace instruction.

Hand protection

: n.a.

Eye protection

: n.a.

Body protection

: n.a.

Breathing mask

: in case of oil mist

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## 9. Physical and chemical properties:

Form

: liquid

Colour

: light

Odour

: none

Safety relevant data:

Pourpoint

: -12°C

Flash point

: 204°C.

Autoignition temperature

: n.a.

Explosion hazard

lower explosion limit

: n.a.

upper explosion limit

: n.a.

Density

: approx. 0,88 g/ml (70°C)

Solubility

: insoluble

pH value

: n.a.

Viscosity

: 65 mm<sup>2</sup>/s (40°C)

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## 10. Stability and reactivity

Hazardous reactions

: No hazardous reactions known.

Hazardous decomposition products

: No hazardous decomposition products known.

Thermal decomposition

: No hazardous decomposition products known.

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## 11. Toxicological information

Irritating : Eyes: no irritating effect  
Skin: no irritating effect  
Sensitisation : no negative effect known.

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## 12. Ecological information

The product is insoluble in water.  
PCB-proportion: free, Chlorine proportion: free

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## 13. Disposal considerations

Advises : Disposal as special waste or old oil.  
EC disposal code no : 13 02 05  
Non-chlorinated mineral-oil-based lubricants and gear oils

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## 14. Transport information

Land transport : No hazardous transport freight acc. to ADR/RID  
Inland waterways transport : No hazardous transport freight acc. to ADB/ADNR  
Sea transport : No hazardous transport freight acc. to IMDG/GGVSee  
Aircraft transport : No hazardous transport freight acc. to ICAO/IATA

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## 15. Regulatory information

Data for labelling acc. GefStoffV/EC-regulations:  
Labelling : The product does not require a hazardous warning label in accordance with EC directives and the relevant national laws.  
Hazard symbols : n.a.  
National regulations  
Classification acc. to VbF  
(German only) : n.a.  
Water hazard class : 1 (in acc. to KBwS)  
(German only) Slightly hazardous to water

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## 16. Other information

This information is based on our present state of knowledge. They describe our product in view of the requirements for safety. They do not assure of certain properties of the product. A legal relationship is not vested.  
Duplication without changes of the original version is allowed.

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