

Material Safety Data Sheet

According to 91/155 EC



Printing date 09.08.2002

Reviewed on 05.08.2002

1 Identification of substance:

- **Product details:**
- **Trade name:** OKS 470
- **Article number:** 004700
- **Application of the substance / the preparation** Lubricant
- **Manufacturer/Supplier:**
OKS Spezienschmierstoffe GmbH
Triebstrasse 9
D-80993 München
Phone (+49)-89-149892-0
Fax (+49)-89-1419219
- **Informing department:** Technical departement
- **Emergency information:**
OKS Spezienschmierstoffe GmbH
Triebstraße 9
D-80993 München
Tel. (+49) 089-149892-0
Fax (+49) 089-1419219

2 Composition/Data on components:

- **Chemical characterization:**
Preparation of lithium soap, solid lubricants and additives in mineral oil.
- **CAS No. Designation:**
void
- **Identification number(s):** void

3 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment** void

4 First aid measures

- **General information** No special measures required.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents** Water.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.

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- **Measures for cleaning/collecting:** Collect mechanically.
- **Additional information:** No dangerous materials are released.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:**
No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class**
- **Class according to regulation on inflammable liquids:** Void

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
Not required.
- **Additional information:**
The currently valid safety information database was used to compile this data sheet.
- **Personal protective equipment**
- **General protective and hygienic measures**
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves -**
- **Penetration time of glove material -**

9 Physical and chemical properties:

- **General Information**

Form:	Paste
Colour:	White
Smell:	Mineral-oil-like
- **Change in condition**

Melting point/Melting range:	>180°C
Boiling point/Boiling range:	Not determined
- **Flash point:** 201°C (ISO 2592)
- **Inflammability (solid, gaseous)** Product is not inflammable.
- **Danger of explosion:** Product is not explosive.
- **Density at 20°C** 0.92 g/cm³ (OKS NORM)

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- **Solubility in / Miscibility with Water at 20°C:** <0.1 g/l

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -
- **Maritime transport IMDG/GGVSea:**
- **Marine pollutant:** No
- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **National regulations**
- **Classification according to VbF:** Void

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· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information:

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:** Technical departement
- **Contact:** Technical departement

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