

# Safety Data Sheet

according to Regulation (EU) No. 1907/2006

**FP2000**

Print date: 30.11.2010

Product code: FP2000

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**1. Identification of the substance/preparation and of the company/undertaking****Identification of the substance or preparation**

FP2000

**Use of the substance/preparation**

Cutting oil

**Company/undertaking identification**

Company name: RoKuTec GmbH  
Street: Schanzenstr. 8  
Place: 25746 Heide  
Telephone: 0481/686616  
Contact person: Herr Kuchel

Telefax: 0481/686666  
Telephone: 0481/686616

**2. Hazards identification****Classification**

This preparation is not classified as dangerous according to Directive 1999/45/EC.

**3. Composition/information on ingredients****Chemical characterization ( Mixture )****Hazardous components**

| EC-No.    | CAS-No.    | Chemical name                 | Quantity  | Classification |
|-----------|------------|-------------------------------|-----------|----------------|
| 270-335-7 | 68425-15-0 | Polysulfides, di-tert-dodecyl | 10 - 15 % | R53            |
| 201-116-6 | 78-42-2    | tris(2-ethylhexyl) phosphate  | 1 - 5 %   | Xi R38         |

Full text of each relevant R phrase can be found in heading 16.

**4. First aid measures****General information**

Seek medical attention if problems persist. No administration in cases of unconsciousness or cramps.

**After inhalation**

Move victim to fresh air. Put victim at rest and keep warm.

**After contact with skin**

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

**After ingestion**

Do not induce vomiting. In case of swallowing, keep the patient at rest and contact a doctor.

**Advice to doctor**

Treat symptomatically

**5. Fire-fighting measures****Suitable extinguishing media**

Water fog. Extinguishing powder. Carbon dioxide. Foam.

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**Extinguishing media which must not be used for safety reasons**

High power water jet.

**Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

Can be released in case of fire:

Carbon dioxide (CO<sub>2</sub>).

Carbon monoxide.

Nitrogen oxides (NO<sub>x</sub>).**Special protective equipment for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.

**6. Accidental release measures****Personal precautions**

See protective measures under point 7 and 8.

**Environmental precautions**

Do not empty into drains or the aquatic environment. Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

**Methods for cleaning up/taking up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Large quantities remove mechanically

Clean contaminated objects and areas thoroughly observing environmental regulations.

Clean with detergents. Avoid solvent cleaners.

**7. Handling and storage****Handling****Advice on safe handling**

Avoid oil mist

Use only in well-ventilated areas.

Direct contact with skins avoid.

When using do not eat, drink or smoke.

**Advice on protection against fire and explosion**

Prevent access by unauthorised personnel.

**Further information on handling**

High slip hazard because of leaking or spilled product.

**Storage****Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

Recommended storage temperature: 5-40 °C

**Advice on storage compatibility**

Keep away from food, drink and animal feedingstuffs.

Do not store with strong oxidizing agents.

Maximum period of storage (time): 3 Jahr

Storageclass (VCI): 10

**8. Exposure controls/personal protection****Exposure limit values****Exposure controls****Protective and hygiene measures**

Use personal protection equipment as per Directive 89/686/EEC.

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**Respiratory protection**

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

**Hand protection**

Protect skin by using skin protective cream. Wear protective gloves if advisable under safety aspects. Wash hands before breaks and at the end of work. Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

**Eye protection**

Use glasses or face shield if there is a risk of splashing.

**Skin protection**

Chemical resistant safety shoes. Take off immediately all contaminated clothing. Thorough skin-cleansing after handling the product. Set out skin protection guidelines.

**9. Physical and chemical properties****General information**

|                 |                |
|-----------------|----------------|
| Physical state: | Paste          |
| Colour:         | amber coloured |
| Odour:          | characteristic |

**Important health, safety and environmental information**

|                                      | Test method                     |
|--------------------------------------|---------------------------------|
| pH-Value:                            | not applicable                  |
| <b>Changes in the physical state</b> |                                 |
| Boiling point:                       | not determined                  |
| Lower explosion limits:              | not determined                  |
| Upper explosion limits:              | not determined                  |
| Vapour pressure:                     | not determined                  |
| Density (at 20 °C):                  | 1 g/cm <sup>3</sup> ASTM D 1298 |
| Viscosity / kinematic:<br>(at 40 °C) | not determined ASTM D 7042      |

**10. Stability and reactivity****Conditions to avoid**

Protect against: heat.

**Materials to avoid**

The following must be prevented: Oxidizing agents, strong. acid.

**Hazardous decomposition products**

Hazardous decomposition products: none/none

**11. Toxicological information****Acute toxicity**

after ingestion: LD50: > 2000mg/kg Rat.  
After skin contact: LD50: > 2000mg/kg Rat.  
following inhalation: LC50: > 5mg/1/4hRat.

**Additional information on tests**

No risks worthy of mention. Practical experience.  
The statement is derived from the properties of the components.

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The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

**12. Ecological information****Mobility**

in delivery condition: viscous

**13. Disposal considerations****Waste disposal number of used product**

120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats  
Classified as hazardous waste.

**14. Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

Not restricted

**Inland waterways transport****Other applicable information (inland waterways transport)**

Not restricted

**Marine transport****Other applicable information (marine transport)**

Not restricted

**Air transport****Other applicable information (air transport)**

Not restricted

**15. Regulatory information****Labelling****Hazardous components which must be listed on the label**

Product does not require special labelling according to Directive 67/548/EEC.

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

**16. Other information****Full text of R-phrases referred to under sections 2 and 3**

38 Irritating to skin.  
53 May cause long-term adverse effects in the aquatic environment.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*