

EU Safety Data Sheet

TOOLREX TOOLSPINDLE RTU



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Company BUCHER AG LANGENTHAL, TOOLREX-Schmiertechnik, CH-4901 Langenthal, Schweiz
Phone +41 62 919 75 75

1 Commercial product name and supplier

- 1.1 Commercial product name / Designation **TOOLREX TOOLSPINDLE RTU**
- 1.2 Application / Use Anticorrosive
- 1.3 Producer BUCHER AG LANGENTHAL, TOOLREX-Schmiertechnik, CH-4901 Langenthal, Schweiz
Phone +41 62 919 75 75
- Supplier BUCHER AG LANGENTHAL, TOOLREX-Schmiertechnik, CH-4901 Langenthal, Schweiz
Phone +41 62 919 75 75
- 1.4 TOX emergency number Emergency calls during office times: Phone +41 (0)62 919 75 75
Public Toxicological Information Centre, CH-8028 Zurich, E-mail: info@toxi.ch, T. +41 (0)44 251 51 51
- 1.5 Product No.

2 Hazards identification

No known hazard.

3 Composition

- 3.1 Chemical characterization Ethylene glycol
Corrosion inhibitors
- 3.2 Hazardous components Contains
- CAS No. 107-21-1 <3.5 % Ethane-1,2-diol
EINECS/ELINCS No.: 203-473-3
Xn: Harmful. R22: Harmful if swallowed.
MAK values : 26 mg/m3
- CAS No. 3164-85-0 <1.5 % 2-Ethylhexanoic acid, potassium salt
EINECS/ELINCS No.: 221-625-7
Xn: Harmful. R63: Possible risk of harm to the unborn child.
- CAS No. 122-99-6 <1.0 % 2-Phenoxy-ethanol
EINECS/ELINCS No.: 204-589-7
Xn: Harmful. R22: Harmful if swallowed. R36: Irritating to eyes.
MAK values : 110 mg/m3
- 3.3 Further information All ingredients of the product are listed on the TSCA Chemical Substances Inventory and the Canadian Domestic Substances List.

4 First aid measures

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| 4.1 | Eye contact | Flush eyes with plenty of water. |
| 4.2 | Skin contact | Remove residues with soap and water. |
| 4.3 | Ingestion | Do not induce vomiting. Do not take in resorption stimulating agents. |
| 4.4 | Inhalation | Take into fresh air. |
| 4.5 | Further information | |
-

5 Fire-fighting measures

- | | | |
|-----|------------------------------|--|
| 5.1 | Suitable extinguishing media | Water fog, carbon dioxide, foam, dry chemicals. |
| 5.2 | Extinguishing media to avoid | None known. |
| 5.3 | Further information | This product is not flammable due to the high water content. |
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6 Accidental release measures

Do not allow to flow off into the drains or waters.
Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

7 Handling and storage

- | | | |
|-----|--------------------------------|--|
| 7.1 | Handling | No specific requirements. |
| 7.2 | Industrial hygiene | Avoid eye and skin contact. |
| 7.3 | Storage | Follow regulations for storage of water hazarding products.
Avoid freezing. |
| 7.4 | Place of storage | Store containers closed and protect against rain, dust, heat and other atmospheric influences. |
| 7.5 | Fire- and explosion-protection | |
-

8 Exposure controls / Personal protection

- | | | |
|-------|--------------------------------|---------------------------|
| 8.1 | Exposure controls | No specific requirements. |
| 8.2 | Exposure limit values | |
| 8.3 | Occupational exposure controls | |
| 8.3.1 | Respiratory protection | None required. |
| 8.3.2 | Hand protection | Gloves. |

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8.3.3 Eye protection Use safety glasses.

8.3.4 Other

8.4 Environmental exposure controls

9 Physical and chemical properties

9.1 Appearance liquid

9.2 Colour green fluorescent

9.3 Odour characteristic

9.4 Change of physical state Test method:

Boiling point 100 °C (1013 mbar)

9.5 Density 1.01 g/cm³ (20°C) ASTM D 4052

9.6 Vapour pressure

9.7 Viscosity DIN 51562-1

9.8 Solubility
in water
miscible in all proportions

9.9 pH 8.4 - 8.7

9.10 Flash point DIN EN 13016-1
Not applicable.

9.11 Ignition temperature

9.12 Explosion limits
Lower:
Upper:
not explosive

9.13 Further information

Part. coeff. n-octanol/water

Evaporat. rate

10 Stability and reactivity

10.1 Thermal decomposition None, when used in accordance with regulations.

10.2 Hazardous decomposition products None under normal conditions of storage and use.

10.3 Conditions / materials to avoid No hazards known.

10.4 Further information

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11 Toxicological information

11.1 Acute toxicity The estimated oral LD50 for rats is >2000 mg/kg.

11.2 Subacute / Chronic toxicity

11.3 Further information

12 Ecological information

12.1 Ecotoxicity Water Hazard Class (Germany): Class 1 (self assessment): slightly hazardous for water.

12.2 Mobility

12.3 Persistence and degradability

12.4 Bioaccumulative potential

12.5 Further information

13 Disposal considerations

Comply with local and national regulations.

13.1 EU/CH waste key 12 01 09 halogenfree machining emulsions and solutions

14 Transport information

14.1 Transport at land ADR RID

UN Number
Packing Group
Proper shipping name

Kemler Number

14.2 Transport at sea ADNR IMDG

UN Number
EMS
Packing Group
Proper shipping name
Marine pollutant

MFAG

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14.3 Air transport ICAO / IATA-DGR
UN Number
Proper shipping name
Subsidiary Risk
Labels
Packing Group
Passenger airplane Packing Instructions
max.
Cargo Airplane Packing Instructions
max.

14.4 Further information Product is not classified for any mode of transportation.

15 Regulatory information This product does not require classification according to the criteria of the EC.

15.1 UN number

15.2 National regulations

15.3 EINECS/ELINCS number

15.4 Hazard symbols

15.5 Hazard designation

15.6 Risk phrases

15.7 Safety phrases

15.8 MAK value

15.9 BVD classification (CH) F6 1 Y3

15.10 VbF (D)

15.11 Further information None.

16 Other information None.

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.
