

EU Safety Data Sheet

TOOLREX TOOLCUT MQL ALU



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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 TOOLCUT MQL ALU**
- 1.2 Application / Use Lubricant
- 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 Synthetic alcohols
- 3.2 Hazardous components Does not contain any dangerous substances according to the criteria of the EC (Council Directive 88/379/EEC).
- 3.3 Further information All ingredients of the product are listed on the TSCA Chemical Substances Inventory and the Canadian Domestic Substances List.
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4 First aid measures

- 4.1 Eye contact Wash affected eyes thoroughly with water.
- 4.2 Skin contact Remove residues with soap and water.
- 4.3 Ingestion Rinse mouth and drink large amount of water.
Consult a physician immediately.
- 4.4 Inhalation Take into fresh air.
- 4.5 Further information None.

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5 Fire-fighting measures

- 5.1 Suitable extinguishing media Water fog, carbon dioxide, foam, dry chemicals.
- 5.2 Extinguishing media to avoid DO NOT USE WATER JET.
- 5.3 Further information Complete combustion will result in carbon dioxide and water.
-

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 Vapours of this product are heavier than air and will collect in low areas such as pits, storage tanks, and other confined areas.
- 7.2 Industrial hygiene No specific requirements.
- 7.3 Storage No specific requirements.
- 7.4 Place of storage Store containers closed and protect against rain, dust, heat and other atmospheric influences.
- 7.5 Fire- and explosion-protection Do not heat above flash point.
-

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 Water soluble skin protectant cream.
- 8.3.3 Eye protection Use safety glasses.
- 8.3.4 Other None.
- 8.4 Environmental exposure controls
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9 Physical and chemical properties

| | | |
|------------------------------|--------------------------------|-----------------|
| 9.1 Appearance | liquid | |
| 9.2 Colour | colourless to light straw | |
| 9.3 Odour | odourless | |
| 9.4 Change of physical state | | Test method: |
| Start of boiling | 175 °C | |
| 9.5 Density | | |
| | 0.835 g/cm ³ (20°C) | ASTM D 4052 |
| 9.6 Vapour pressure | | |
| 9.7 Viscosity | | |
| | 21 mm ² /s (40°C) | DIN 51562-1 |
| 9.8 Solubility in water | | |
| | immiscible | |
| 9.9 pH | | |
| | not applicable | |
| 9.10 Flash point | 160 °C | DIN EN ISO 2592 |
| 9.11 Ignition temperature | >240 °C | |
| 9.12 Explosion limits | Lower: Upper: | |
| 9.13 Further information | | |
| Part. coeff. n-octanol/water | | |
| Evaporat. rate | | |
| | None. | |

10 Stability and reactivity

| | |
|---------------------------------------|---|
| 10.1 Thermal decomposition | Stable under normal handling and storage conditions. |
| 10.2 Hazardous decomposition products | None under normal conditions of storage and use. |
| 10.3 Conditions / materials to avoid | Avoid contact with oxidizing substances such as perchlorates, chlorates and nitrates. |
| 10.4 Further information | None. |

11 Toxicological information

| | |
|----------------------------------|--|
| 11.1 Acute toxicity | The oral LD50 for rats is >2000 mg/kg. |
| 11.2 Subacute / Chronic toxicity | |

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11.3 Further information

12 Ecological information

- 12.1 Ecotoxicity Not hazardous to waters
- 12.2 Mobility
- 12.3 Persistence and degradability
- 12.4 Bioaccumulative potential
- 12.5 Further information
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13 Disposal considerations

Dispose of according to local and national regulations.

- 13.1 EU/CH waste key 12 01 10 synthetic machining oils
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14 Transport information

- 14.1 Transport at land ADR RID
- UN Number Kemler Number
Packing Group
Proper shipping name
- 14.2 Transport at sea ADNR IMDG
- UN Number
EMS MFAG
Packing Group
Proper shipping name
Marine pollutant
- 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.
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15 Regulatory information

This product does not require classification according to the

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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) F4 1

15.10 VbF (D)

15.11 Further information None.

16 Other information No other information.

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.
