

EU Safety Data Sheet

TOOLREX TOOLGRIND OX 600



Date of issue / Reference 23.09.2010 uh
Replaces version of
Date of printing 23.09.2010 Sheet No. 2757 Version 1 Page 1 of 5
Edited Deleted

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 TOOLGRIND OX 600**
- 1.2 Application / Use Grinding Oil
- 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 lubricating oil
Additives
- 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 Flush 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.

EU Safety Data Sheet

TOOLREX TOOLGRIND OX 600



Date of issue / Reference 23.09.2010 uh

Replaces version of

Date of printing 23.09.2010 Sheet No. 2757 Version 1 Page 2 of 5

Edited

Deleted

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 DO NOT USE WATER JET.
- 5.3 Further information In case of fire carbon, sulphur and phosphorus oxides can be formed.
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6 Accidental release measures

Do not wash into sewers or into any body of water.
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 Follow safety precautions for handling of mineral oils.
- 7.3 Storage Follow regulations for storage of water hazing products.
- 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.
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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.
Use CR or NBR rubber gloves. Material thickness: 0.5 mm
- 8.3.3 Eye protection Use safety glasses.
- 8.3.4 Other
- 8.4 Environmental exposure controls
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EU Safety Data Sheet

TOOLREX TOOLGRIND OX 600



Date of issue / Reference 23.09.2010 uh
Replaces version of
Date of printing 23.09.2010 Sheet No. 2757 Version 1 Page 3 of 5
Edited Deleted

9 Physical and chemical properties

9.1 Appearance	liquid	
9.2 Colour	colourless	
9.3 Odour	low	
9.4 Change of physical state		Test method:
Solidification point	-40 °C (1013 mbar)	ISO 3016
9.5 Density		
	0.83 g/cm ³ (20°C)	ASTM D 4052
9.6 Vapour pressure		
	<3 mbar (20°C)	
9.7 Viscosity		
	7.5 mm ² /s (40°C)	DIN 51562-1
9.8 Solubility		
in water	immiscible	
9.9 pH		
	not applicable	
9.10 Flash point	162 °C (1013 mbar)	DIN EN ISO 2592
9.11 Ignition temperature		
9.12 Explosion limits	Lower: 0.6 Vol%	
	Upper: 6.5 Vol%	
9.13 Further information		
Part. coeff. n-octanol/water		
Evaporat. rate		

10 Stability and reactivity

10.1 Thermal decomposition	Is stable under normal storage conditions.
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	

11 Toxicological information

11.1 Acute toxicity	The estimated oral LD50 for rats is >2000 mg/kg. No adverse effects anticipated by this route of exposure incidental to proper handling.
11.2 Subacute / Chronic toxicity	

EU Safety Data Sheet

TOOLREX TOOLGRIND OX 600



Date of issue / Reference 23.09.2010 uh
Replaces version of
Date of printing 23.09.2010 **Sheet No. 2757** Version 1 Page 4 of 5
Edited Deleted

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
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13 Disposal considerations

Comply with local and national regulations.

- 13.1 EU/CH waste key 12 01 07 halogenfree machining oils based on mineral oil (except emulsions and solutions)
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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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Date of issue / Reference 23.09.2010 uh
Replaces version of
Date of printing 23.09.2010 Sheet No. 2757 Version 1 Page 5 of 5
Edited Deleted

15 Regulatory information This product requires 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 10 mg/m³

15.9 BVD classification (CH) F4 1 Y3

15.10 VbF (D)

15.11 Further information

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.
