

**Safety Data Sheet**

according to 2001/58/EC

**Cutting fluid for thick glass**

Print date : 14.07.2005

Product code : BO5002800

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**1. Identification of the substance/preparation and of the company/undertaking****1.1 Identification of the substance or preparation**

Cutting fluid for thick glass

**Use of the substance/preparation**

cutting fluid

**1.2 Company/undertaking identification**

Company name :	BOHLE AG	Telephone : 02129 5568-0
Street :	Dieselstr. 10	Telefax : 02129 5568 282
Place :	D-42781 Haan	
Contact person :	Uwe Adler	
e-mail :	uadler@bohle.de	
Inquiry office :	Produktmanagement	

**2. Composition/information on ingredients**

**Chemical characterization** ( preparation )  
 Petroleum distillates

**Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
232-455-8	8042-47-5	White spirit	50-100 %	Xi R65-66
	68439-50-9	Aliphatic alcohols, ethoxilatet	2-5 %	Xi, N R38-50

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

**3. Hazards identification****Classification**

Symbols : Harmful  
 R-phrases :  
 Harmful: may cause lung damage if swallowed.  
 Repeated exposure may cause skin dryness or cracking.

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

Take off all contaminated clothing immediately. Remove from exposure, lie down. Never give anything by mouth to an unconscious person.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

**After contact with skin**

Wash off with soap and plenty of water.

**After contact with eyes**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**After ingestion**

Rinse mouth. Do not induce vomiting. Call a physician immediately.

**5. Fire-fighting measures****Suitable extinguishing media**water spray dry powder alcohol-resistant foam carbon dioxide (CO<sub>2</sub>)

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

high volume water jet

### Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

Fire may cause evolution of: Carbon monoxide

### Special protective equipment for fire-fighters

Standard procedure for chemical fires.

## 6. Accidental release measures

### Personal precautions

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.

### Environmental precautions

Should not be released into the environment. Do not allow material to contaminate ground water system. Prevent product from entering drains.

### Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

## 7. Handling and storage

### 7.1 Handling

#### Advice on safe handling

Avoid contact with skin and eyes. Avoid formation of aerosol. Do not breathe vapours/dust.

#### Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

### 7.2 Storage

#### Requirements for storage rooms and vessels

Store in original container. Keep container tightly closed.

#### Advice on storage compatibility

Do not store together with oxidizing agents

## 8. Exposure controls/personal protection

### 8.1 Exposure limit values

### 8.2 Exposure controls

#### Protective and hygiene measures

Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feedingstuffs. When using, do not eat, drink or smoke.

#### Hand protection

solvent-resistant gloves (butyl-rubber) Do not wear leather gloves.

#### Eye protection

safety glasses

## 9. Physical and chemical properties

### 9.1 General information

Physical state : liquid  
Colour : colourless- light yellow  
Odour : slight

### 9.2 Important health, safety and environmental information

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### Test method

pH-Value :	not applicable
<b>Changes in the physical state</b>	
Melting point :	no data available
Boiling point :	no data available
Flash point :	106 °C ISO 2592
Lower explosion limits :	no data available
Upper explosion limits :	no data available
Vapour pressure :	no data available
Density :	0,86 g/cm <sup>3</sup> DIN 51757
Water solubility :	emulsifiable
Viscosity / dynamic : at (20 °C)	5 mPa·s DIN 54453
Auto-ignition temperature solid :	not auto-flammable
gas :	

## 10. Stability and reactivity

### Conditions to avoid

Heat, flames and sparks.

### Materials to avoid

oxidizing agents

### Hazardous decomposition products

According to experience not expected

### Additional information

No decomposition if used as directed.

## 11. Toxicological information

### Acute toxicity

LD50/dermal/rat = &gt;2000 mg/kg

### Irritancy and corrosiveness

Contact with eyes may cause irritation.

### Subacute, subchronic and prolonged toxicity

Prolonged skin contact may defat the skin and produce dermatitis.

## 12. Ecological information

### Ecotoxicity

This product has no known eco-toxicological effects.

### Persistence and degradability

Contained tenside is more than 90% biodegradable. Readily biodegradable, according to appropriate OECD test.

## 13. Disposal considerations

### Advice on disposal

Can be incinerated, when in compliance with local regulations. Can be disposed of as waste water, when in compliance with local regulations.

### Contaminated packaging

Empty containers can be landfilled, when in accordance with the local regulations.

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### 14. Transport information

#### Land transport (ADR/RID)

##### Remarks (land transport)

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

#### Inland waterways transport

#### Marine transport

#### Air transport

### 15. Regulatory information

#### 15.1 Labelling

Indication of danger : Xn - Harmful



Xn - Harmful

#### Hazardous component(s) to be indicated on label

White spirit

#### R phrases :

- 65 Harmful: may cause lung damage if swallowed.  
66 Repeated exposure may cause skin dryness or cracking.

#### S phrases :

- 03 Keep in a cool place.  
15 Keep away from heat.  
21 When using do not smoke.  
23 Do not breathe vapour .  
24 Avoid contact with skin.  
35 This material and its container must be disposed of in a safe way.  
41 In case of fire and/or explosion do not breathe fumes.  
42 During spraying wear suitable respiratory equipment.  
52 Not recommended for interior use on large surface areas.  
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

#### 15.2 National regulations

### 16. Other information

#### List of relevant R phrases

- 38 Irritating to skin.  
50 Very toxic to aquatic organisms.  
65 Harmful: may cause lung damage if swallowed.  
66 Repeated exposure may cause skin dryness or cracking.

#### Other data

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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