

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Cutting fluid for thick glass

Print date: 06.04.2016

Product code: BO5002800

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Cutting fluid for thick glass

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Use of the substance/mixture

cutting fluid

#### 1.3. Details of the supplier of the safety data sheet

Company name:	BOHLE AG	
Street:	Dieselstr. 10	
Place:	D-42781 Haan	
Telephone:	02129 5568-0	Telefax: 02129 5568 282
e-mail:	info@bohle.de	
Responsible Department:	chemische Entwicklung	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Directive 67/548/EEC or 1999/45/EC

Indications of danger: Xn - Harmful  
 R phrases:  
 Harmful: may cause lung damage if swallowed.  
 Repeated exposure may cause skin dryness or cracking.

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:  
 Acute toxicity: Acute Tox. 4  
 Skin corrosion/irritation: Skin Irrit. 2  
 Serious eye damage/eye irritation: Eye Dam. 1  
 Aspiration hazard: Asp. Tox. 1  
 Hazardous to the aquatic environment: Aquatic Chronic 2  
 Hazard Statements:  
 May be fatal if swallowed and enters airways.  
 Causes skin irritation.  
 Causes serious eye damage.  
 Harmful if inhaled.  
 Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Hazardous components which must be listed on the label

Gas oils (petroleum), hydrodesulfurized, Gasoil - unspecified  
 Aliphatic alcohols, ethoxilatet

Signal word: Danger

Pictograms: GHS05-GHS07-GHS08-GHS09



##### Hazard statements

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

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H318	Causes serious eye damage.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.

### Precautionary statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container to Hazardous waste.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Petroleum distillates

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
265-182-8	Gas oils (petroleum), hydrodesulfurized, Gasoil - unspecified	80-100 %
64742-79-6	Xn - Harmful, Xi - Irritant, N - Dangerous for the environment R20-38-51-53	
649-222-00-5	Acute Tox. 4, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 2; H332 H315 H304 H411	
	Aliphatic alcohols, ethoxilatet	3-5 %
68439-50-9	Xi - Irritant, N - Dangerous for the environment R41-50	
	Eye Dam. 1, Aquatic Acute 1 (M-Factor = 1); H318 H400	

Full text of R-, H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of 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.

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### After ingestion

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

water spray dry powder alcohol-resistant foam carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media

high volume water jet

### 5.2. Special hazards arising from the substance or mixture

Fire may cause evolution of: Carbon monoxide

### 5.3. Advice for firefighters

Standard procedure for chemical fires.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe 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. Conditions for safe storage, including any incompatibilities

#### 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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 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.

#### Eye/face protection

safety glasses

#### Hand protection

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

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

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

#### Test method

pH-Value: not applicable

#### Changes in the physical state

Melting point: no data available

Initial boiling point and boiling range: >280 °C

Flash point: 106 °C ISO 2592

Lower explosion limits: no data available

Upper explosion limits: no data available

Ignition temperature: >320 °C

**Auto-ignition temperature** >320°C

Vapour pressure:  
 (at 20 °C) <0,1 hPa

Density (at 20 °C): 0,86 g/cm<sup>3</sup> DIN 51757

Water solubility: emulsifiable

Viscosity / dynamic:  
 (at 20 °C) 5 mPa·s DIN 54453

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.4. Conditions to avoid

Heat, flames and sparks.

#### 10.5. Incompatible materials

oxidizing agents

#### 10.6. Hazardous decomposition products

According to experience not expected

#### Further information

No decomposition if used as directed.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

LD50/dermal/rat = >5000 mg/kg

##### ATEmix calculated

ATE (inhalative vapour) 11,46 mg/l; ATE (inhalative aerosol) 1,563 mg/l

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CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
64742-79-6	Gas oils (petroleum), hydrodesulfurized, Gasoil - unspecified				
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1,5 mg/l		

#### Irritation and corrosivity

Contact with eyes may cause irritation.

#### Severe effects after repeated or prolonged exposure

Prolonged skin contact may defat the skin and produce dermatitis.

### SECTION 12: Ecological information

#### 12.1. Toxicity

This product has no known eco-toxicological effects.

#### 12.2. Persistence and degradability

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

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### 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.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

##### 14.1. UN number:

UN 3082

##### 14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Gas oils (petroleum), hydrodesulfurized, Gasoil - unspecified)

##### 14.3. Transport hazard class(es):

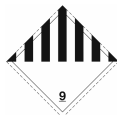
9

##### 14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 601

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

E

#### Inland waterways transport (ADN)

##### 14.1. UN number:

UN 3082

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**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Gas oils (petroleum), hydrodesulfurized, Gasoil - unspecified)

**14.3. Transport hazard class(es):** 9

**14.4. Packing group:** III

Hazard label: 9



Classification code: M6  
 Special Provisions: 274 335 601  
 Limited quantity: 5 L  
 Excepted quantity: E1

#### Marine transport (IMDG)

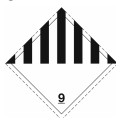
**14.1. UN number:** UN 3082

**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Gas oils (petroleum), hydrodesulfurized, Gasoil - unspecified)

**14.3. Transport hazard class(es):** 9

**14.4. Packing group:** III

Hazard label: 9



Marine pollutant: no  
 Special Provisions: 274, 335  
 Limited quantity: 5 L  
 Excepted quantity: E1  
 EmS: F-A, S-F

#### Air transport (ICAO)

**14.1. UN number:** UN 3082

**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Gas oils (petroleum), hydrodesulfurized, Gasoil - unspecified)

**14.3. Transport hazard class(es):** 9

**14.4. Packing group:** III

Hazard label: 9



Special Provisions: A97 A158  
 Limited quantity Passenger: 30 kg G  
 Passenger LQ: Y964  
 Excepted quantity: E1

IATA-packing instructions - Passenger:	964
IATA-max. quantity - Passenger:	450 L
IATA-packing instructions - Cargo:	964
IATA-max. quantity - Cargo:	450 L

#### 14.5. Environmental hazards

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ENVIRONMENTALLY HAZARDOUS: yes

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

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

**SECTION 16: Other information****Relevant R-phrases (Number and full text)**

- 20 Harmful by inhalation.
- 38 Irritating to skin.
- 41 Risk of serious damage to eyes.
- 50 Very toxic to aquatic organisms.
- 51 Toxic to aquatic organisms.
- 53 May cause long-term adverse effects in the aquatic environment.

**Relevant H- and EUH-phrases (Number and full text)**

- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

**Further Information**

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.)*