

**Acecut 6000 cutting fluid**

Revision date: 09/15/2021

Product code: BO5002836

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**1. Identification****Product identifier**

Acecut 6000 cutting fluid

**Further trade names**

BO 5002856, 5 l  
BO 5002806, 30 l  
BO 5002836, 200 l  
BO 5002846, 1000 l

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

cutting fluid

**Details of the supplier of the safety data sheet****Manufacturer**

Company name:	BOHLE AG	
Street:	Dieselstr. 10	
Place:	42781 Haan	
Telephone:	+49 2129 5568-0	Telefax: +49 2129 5568-282
e-mail:	info@bohle.de	
Contact person:	Dr. Martin Schade	Telephone: +49 2129 5568-300
e-mail:	MSDS@bohle.de	
Internet:	www.bohle.com	
Responsible Department:	Chemie	

**Trader of the product**

Company name:	Bohle America, Inc.
Street:	10924 Granite Street, Suite 200
Place:	USA-NC 28273 Charlotte
e-mail (Contact person):	sales@bohle.com

**Emergency phone number:** Emergency CONTACT (24-Hour-Number):GBK GmbH +49 (0)6132-84463**2. Hazard(s) identification****Classification of the chemical****Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**Label elements****3. Composition/information on ingredients****Mixtures****Chemical characterization**

Hydrocarbons, aliphatic / Emulsifier

**Hazardous components**

none (according to Regulation (EC) No 1907/2006 (REACH))

**4. First-aid measures****Description of first aid measures**

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**General information**

First aider: Pay attention to self-protection!  
Move out of dangerous area.  
Take off contaminated clothing and shoes immediately.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest.  
If symptoms persist, call a physician.

**After contact with skin**

Wash off with soap and plenty of water.  
If symptoms persist, call a physician.

**After contact with eyes**

Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses, if present and easy to do. Continue rinsing.  
Consult a physician.

**After ingestion**

Rinse mouth thoroughly with water.  
Do NOT induce vomiting.  
Call a physician immediately.

**Most important symptoms and effects, both acute and delayed**

May cause eye/skin irritation.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>)  
Extinguishing powder  
alcohol resistant foam  
Water spray jet

**Unsuitable extinguishing media**

high volume water jet

**Specific hazards arising from the chemical**

Heating or fire can release toxic gas.  
Carbon dioxide, Carbon monoxide

**Special protective equipment and precautions for fire-fighters**

Standard procedure for chemical fires.  
Self-contained respirator (breathing apparatus) according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.

**Additional information**

Use water spray to cool unopened containers.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures****General advice**

Use personal protective equipment.

**Environmental precautions**

Do not flush into surface water or sanitary sewer system.  
Do not allow to enter into soil/subsoil.

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**Methods and material for containment and cleaning up****Other information**

- Provide adequate ventilation.
- Prevent spread over a wide area (e.g. by containment or oil barriers).
- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Dispose of waste according to applicable legislation.

**Reference to other sections**

- Personal protection equipment (PPE): see section 8
- Disposal: see section 13

**7. Handling and storage****Precautions for safe handling****Advice on safe handling**

- Provide adequate ventilation as well as local exhaust at critical locations.
- To avoid risks to man and the environment, comply with the instructions for use.

**Advice on protection against fire and explosion**

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Usual measures for fire prevention.

**Advice on general occupational hygiene**

- Do not breathe vapours or spray mist.
- Avoid contact with skin, eyes and clothing. Take off all contaminated clothing immediately.
- Wash hands before breaks and immediately after handling the product.
- When using do not eat or drink. Do not smoke.
- Keep away from food, drink and animal feedingstuffs.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

- Keep container tightly closed in a cool, well-ventilated place.
- Store in a place accessible by authorized persons only.
- Protect from direct sunlight.

**Hints on joint storage**

- Incompatible with oxidizing agents.

**Further information on storage conditions**

- Recommended storage temperature: 5 - 40°C

**Specific end use(s)**

- cutting fluid

**8. Exposure controls/personal protection****Control parameters****Exposure controls****Appropriate engineering controls**

- Provide adequate ventilation as well as local exhaust at critical locations.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

- safety glasses with side-shields conforming to EN166

**Hand protection**

- The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it.
- Glove material: Butyl caoutchouc (butyl rubber), NBR (Nitrile rubber)

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Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

**Skin protection**

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

EN 13034 (type 6 limited splash-tight)

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Combination filtering device  
Respirator with filter for organic vapour, Recommended Filter type: A-P2

**Environmental exposure controls**

Do not flush into surface water or sanitary sewer system.  
Do not allow to enter into soil/subsoil.

**9. Physical and chemical properties**

**Information on basic physical and chemical properties**

Physical state: liquid  
Color: light yellow  
Odor: like: Hydrocarbons

**Test method**

**Changes in the physical state**

Melting point/freezing point: no data available  
Boiling point or initial boiling point and boiling range: >200 °C  
Flash point: 215 °C ISO 2592

Lower explosion limits: no data available  
Upper explosion limits: no data available

**Self-ignition temperature** > 270°C

pH-Value: not applicable

Viscosity / kinematic: 33 mm<sup>2</sup>/s  
(at 40 °C)

Water solubility: emulsifiable

Vapor pressure: <0,01 hPa calculated.  
(at 20 °C)

Density (at 20 °C): 0,87 g/cm<sup>3</sup> DIN 51757

**10. Stability and reactivity**

**Reactivity**

No hazardous reaction when handled and stored according to provisions.

**Chemical stability**

The mixture is chemically stable under recommended conditions of storage, use and temperature.

**Possibility of hazardous reactions**

None known.

**Conditions to avoid**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Protect from direct sunlight.

**Incompatible materials**

oxidizing agents

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**Hazardous decomposition products**

No decomposition if used as directed.

**11. Toxicological information**
**Information on toxicological effects**
**Acute toxicity**

Based on available data, the classification criteria are not met.

**Irritation and corrosivity**

 Based on available data, the classification criteria are not met.  
 May cause eye irritation with susceptible persons.

**Sensitizing effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - single exposure**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**12. Ecological information**
**Ecotoxicity**

This product has no known eco-toxicological effects.

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

Do not flush into surface water or sanitary sewer system.

Avoid subsoil penetration.

**13. Disposal considerations**
**Waste treatment methods**
**Disposal recommendations**

Can be incinerated, when in compliance with local regulations.

**Contaminated packaging**

Dispose of completely emptied containers as combustible waste or metal waste depending on the material.

**14. Transport information**

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**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**Other applicable information**

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

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

2004/42/EC (VOC): 0%

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**Chemical Safety Assessment**

For this substance a chemical safety assessment has not been carried out.

**16. Other information****Other data**

The information is based on the present level of our knowledge. It does not, however, give assurance 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.)*