

**Cutting Fluid Silberschnitt V63**

Date (latest revision): 08.09.2026

Product code: BO5002903

Page 1 of 7

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

Cutting Fluid Silberschnitt V63

**Further trade names**

BO5002903, 30 l

BO5002933, 200 l

BO9973880\*, Sample

**Relevant identified uses of the substance or mixture and uses advised against**
**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: D-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

**Supplier**

Company name: Bohle America / Portals Hardware

Street: 925 Lydia Ave

Place: Kansas City, MO 64106 USA

Telephone: +1 888 838 6006

E-mail: support@portalshardware.com

**Emergency telephone number:** Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

**2. Hazard identification**
**Classification of the substance or mixture**
**WHMIS 2015**

Flammable liquids: Category 4

Aspiration hazard: Category 1

**Label elements**
**WHMIS 2015**
**Signal word:** Danger

**Pictograms:**

**Hazard statements**

Combustible liquid.

May be fatal if swallowed and enters airways.

**Precautionary statements**

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

Wear protective gloves/protective clothing and eye protection/face protection.

**Cutting Fluid Silberschnitt V63**

Date (latest revision): 08.09.2026

Product code: BO5002903

Page 2 of 7

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

Do NOT induce vomiting.

Store in a well-ventilated place.

Store locked up.

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

Hydrocarbons

**Relevant ingredients**

| CAS No     | Chemical name                                                         | Quantity        |
|------------|-----------------------------------------------------------------------|-----------------|
| 93924-45-9 | Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 60 - < 80 % (*) |
| 93924-07-3 | Hydrocarbons, C11-C14, n-alkane, isoalkanes, cyclics, <2% aromatics   | 10 - < 30 % (*) |
| 112-34-5   | 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether          | 3 - < 7 % (*)   |

(\*) The actual concentration is withheld as a trade secret.

**4. First-aid measures**
**Description of first aid measures**
**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, whether acute or delayed**

May be fatal if swallowed and enters airways.

Repeated exposure may cause skin dryness or cracking.

**Indication of 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

**Cutting Fluid Silberschnitt V63**

Date (latest revision): 08.09.2026

Product code: BO5002903

Page 3 of 7

Water spray jet

**Unsuitable extinguishing media**

high volume water jet

**Specific hazards arising from the hazardous product**

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)

**Additional information**

Use water spray to cool unopened containers.

**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.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**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: 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.

Take precautionary measures against static discharges.

Vapours can form explosive mixtures with air.

**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.

## Cutting Fluid Silberschnitt V63

Date (latest revision): 08.09.2026

Product code: BO5002903

Page 4 of 7

Protect from direct sunlight.

### Hints on joint storage

Incompatible with oxidizing agents.

### Further information on storage conditions

Recommended storage temperature: 5 - 40°C

## 8. Exposure controls/Personal protection

### Control parameters

#### Additional advice on limit values

To date, no national critical limit values exist.

### 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)

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.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                 |                    |
|-----------------|--------------------|
| Physical state: | Liquid             |
| Colour:         | colourless         |
| Odour:          | like: Hydrocarbons |

|                                                           | Test method     |
|-----------------------------------------------------------|-----------------|
| Boiling point or initial boiling point and boiling range: | > 190 °C        |
| Lower explosive limits:                                   | not determined  |
| Upper explosive limits:                                   | not determined  |
| Flash point:                                              | >90 °C ISO 2719 |
| Auto-ignition temperature:                                | not determined  |
| pH-Value (at 20 °C):                                      | 6               |
| Viscosity / kinematic:<br>(at 40 °C)                      | < 2 mm²/s       |

**Cutting Fluid Silberschnitt V63**

Date (latest revision): 08.09.2026

Product code: BO5002903

Page 5 of 7

|                                |                        |
|--------------------------------|------------------------|
| Water solubility:              | insoluble              |
| Vapour pressure:<br>(at 20 °C) | >0,1 hPa               |
| Density (at 20 °C):            | 0,83 g/cm <sup>3</sup> |

**Other information****Information with regard to physical hazard classes**

|                           |                             |
|---------------------------|-----------------------------|
| Sustained combustibility: | No sustained combustibility |
| Self-ignition temperature | not auto-flammable          |

**Other safety characteristics**

|                                    |           |
|------------------------------------|-----------|
| Solvent content:                   | 20,00 %   |
| Viscosity / dynamic:<br>(at 20 °C) | < 3 mPa·s |

**Further Information**

Vapours can form explosive mixtures with air.

**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**

Vapours can form explosive mixtures with air.

**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

**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.

**ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

**Cutting Fluid Silberschnitt V63**

Date (latest revision): 08.09.2026

Product code: BO5002903

Page 6 of 7

| CAS No     | Chemical name                                                       |               |         |        |          |
|------------|---------------------------------------------------------------------|---------------|---------|--------|----------|
|            | Route of exposure                                                   | Dose          | Species | Source | Method   |
| 93924-07-3 | Hydrocarbons, C11-C14, n-alkane, isoalkanes, cyclics, <2% aromatics |               |         |        |          |
|            | oral                                                                | LD50<br>mg/kg | >5000   | Rat    | OECD 401 |
|            | dermal                                                              | LD50<br>mg/kg | >5000   | Rabbit | OECD 402 |
| 112-34-5   | 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether        |               |         |        |          |
|            | oral                                                                | LD50<br>mg/kg | 5660    | Rat    |          |
|            | dermal                                                              | LD50<br>mg/kg | 4120    | Rabbit |          |

**Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

**Sensitizing effects**

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

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

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**Information on other hazards**
**Endocrine disrupting properties**

This information is not available.

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

This product has no known eco-toxicological effects.

**Bioaccumulative potential**

Bioaccumulation is unlikely.

**Mobility in soil**

No data available

**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**

slightly water endangering

Do not flush into surface water or sanitary sewer system.

Avoid subsoil penetration.

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

**Cutting Fluid Silberschnitt V63**

Date (latest revision): 08.09.2026

Product code: BO5002903

Page 7 of 7

**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****Canadian TDG****Proper shipping name:**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**United Nations proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**United Nations proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**Other applicable information**

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

**15. Regulatory information****Canadian regulations****16. Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2, 11.

**Further Information**

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