

Cutting Fluid Silberschnitt V55

Date (latest revision): 02.09.2026

Product code: BO5002905

Page 1 of 7

1. Identification
Product identifier

Cutting Fluid Silberschnitt V55

Further trade names

BO5002955, 5 l
BO5002905, 30 l
BO5002935, 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.

Cutting Fluid Silberschnitt V55

Date (latest revision): 02.09.2026

Product code: BO5002905

Page 2 of 7

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

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
1174522-15-6	Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics	30 - < 60 % (*)
93924-07-3	Hydrocarbons, C11-C14, n-alkane, isoalkanes, cyclics, <2% aromatics	15 - < 40 % (*)
5131-66-8	3-butoxypropan-2-ol, propylene 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 (CO2)

Extinguishing powder

Cutting Fluid Silberschnitt V55

Date (latest revision): 02.09.2026

Product code: BO5002905

Page 3 of 7

alcohol resistant foam

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.

Cutting Fluid Silberschnitt V55

Date (latest revision): 02.09.2026

Product code: BO5002905

Page 4 of 7

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

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

Boiling point or initial boiling point and boiling range:

> 165 °C

Lower explosive limits:

0,6 vol. %

Upper explosive limits:

7 vol. %

Flash point:

>61 °C ISO 2719

Auto-ignition temperature:

>200 °C

pH-Value:

not applicable

Test method

Cutting Fluid Silberschnitt V55

Date (latest revision): 02.09.2026

Product code: BO5002905

Page 5 of 7

Viscosity / kinematic: (at 40 °C)	< 2 mm ² /s
Water solubility:	insoluble
Vapour pressure: (at 20 °C)	>0,1 hPa
Density (at 20 °C):	0,79 g/cm ³

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

Self-ignition temperature not auto-flammable

Other safety characteristicsSolvent content: 100%
DIN EN 1392Viscosity / dynamic:
(at 20 °C) < 2 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 V55

Date (latest revision): 02.09.2026

Product code: BO5002905

Page 6 of 7

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
1174522-15-6	Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >5000 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 >5000 mg/l	Rat		
93924-07-3	Hydrocarbons, C11-C14, n-alkane, isoalkanes, cyclics, <2% aromatics				
	oral	LD50 >5000 mg/kg	Rat	OECD 401	
	dermal	LD50 >5000 mg/kg	Rabbit	OECD 402	

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.

Cutting Fluid Silberschnitt V55

Date (latest revision): 02.09.2026

Product code: BO5002905

Page 7 of 7

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**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): 2,9,11.

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.)