Safety Data Sheet

according to 29 CFR 1910.1200(g)

Concentrated coolant VETROCOOL

1. Identification

Product identifier

Concentrated coolant VETROCOOL

Further trade names

BO 5002833, 5 kg
BO 50028333, 20 kg

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

lubricant assistants Additive

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

2. Hazard(s) identification

Classification of the chemical

29 CFR Part 1910.1200

Serious eye damage/eye irritation: Category 2A

Label elements

29 CFR Part 1910.1200

Signal word: Warning

Pictograms:



Hazard statements

Causes serious eye irritation
Harmful to aquatic life with long lasting effects

Precautionary statements

Wash hands thoroughly after handling.
Avoid release to the environment.
Wear protective gloves/protective clothing and eye protection/face protection.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.
If eye irritation persists: Get medical advice/attention.
Dispose of waste according to applicable legislation.

3. Composition/information on ingredients

Mixtures

Chemical characterization
Additive

Relevant ingredients

CAS No	Components	Quantity
95-14-7	Benzotriazole	20 %

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 all contaminated clothing immediately.

After inhalation
Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.

After contact with skin
Wash off with warm water and soap. If skin irritation persists, call a physician.

After contact with eyes
Rinse immediately carefully and thoroughly with eye-bath or water. If symptoms persist, call a physician.

After ingestion
Rinse mouth. When in doubt or if symptoms are observed, get medical advice.

Most important symptoms and effects, both acute and delayed
May cause eye/skin irritation.

Indication of any immediate medical attention and special treatment needed
Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
Water mist. Foam. dry powder. Carbon dioxide (CO2).

Unsuitable extinguishing media
Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical
Carbon monoxide
nitrogen oxides (NOx)

Special protective equipment and precautions for fire-fighters
In case of fire: Wear self-contained breathing apparatus. Move undamaged containers from immediate hazard area if it can be done safely.

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.
Avoid subsoil penetration.

Methods and material for containment and cleaning up

For containment

Large amounts of spillages: Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
Small amounts of spillages: Wipe up with absorbent material (eg. cloth, fleece).

For cleaning up

Flush with water.

Other information

Never return spills in original containers for re-use.

Reference to other sections

SECTION 8: Exposure controls/personal protection
SECTION 13: Disposal considerations

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.
Handle in accordance with good industrial hygiene and safety practice.
Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion

Usual measures for fire prevention.
Co-ordinate fire-fighting measures to the fire surroundings.

Advice on general occupational hygiene

Provide adequate ventilation. Do not breathe vapour/aerosol.
Avoid contact with the skin and the eyes.
Take off contaminated clothing and shoes immediately.
Keep away from food, drink and animal feedingstuffs.
Wash hands before breaks and immediately after handling the product.
When using, do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep containers tightly closed in a cool, well-ventilated place.
Protect from frost, heat and sunlight.
Store in original container.

Hints on joint storage

Do not store near acids.

Further information on storage conditions

10 - 30°C

8. Exposure controls/personal protection

Control parameters

Additional advice on limit values

Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached. However it is the duty of the user to verify this and follow given exposure limits at the

workplace.

Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Individual protection measures, such as personal protective equipment

Eye/face protection

safety glasses with side-shields conforming to EN166

Hand protection

protective gloves EN ISO 374
nitrile rubber
Butyl caoutchouc (butyl rubber)
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.
Recommended Filter type: A-P2.

Environmental exposure controls

Do not allow to enter into surface water or drains.
Do not allow to enter into soil/subsoil.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	liquid
Color:	yellowbrown
Odor:	characteristic

		Test method
Boiling point or initial boiling point and boiling range:	> 100 °C	
Flammability:	not applicable	
Lower explosion limits:	not applicable	
Upper explosion limits:	not applicable	
Flash point:	not applicable	
Auto-ignition temperature:	not applicable	ASTM D 1929
pH-Value (at 20 °C):	7,5-8,5	DIN 51369
Viscosity / kinematic: (at 40 °C)	8 - 12 mm²/s	DIN 16896
Water solubility:	soluble	OECD 116
Density (at 20 °C):	1,130-1,150 g/cm³	DIN 51757

Other information

Information with regard to physical hazard classes

Explosive properties
none

Sustained combustibility:	UN Test L.2

Oxidizing properties
none

10. Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

Protect from frost, heat and sunlight.

Incompatible materials

strong acids and oxidizing agents

Hazardous decomposition products

No known hazardous decomposition products.

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) > 5000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
95-14-7	Benzotriazole				
	oral	LD50 500 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Causes skin irritation.
Causes serious eye irritation.

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.

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.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.
Carcinogenicity (IARC): No ingredient of this mixture is listed.
Carcinogenicity (NTP): No ingredient of this mixture is listed.

Aspiration hazard

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

Information on other hazards

Endocrine disrupting properties

This information is not available.

12. Ecological information

Persistence and degradability

No data available

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

This information is not available.

Further information

slightly water endangering

Do not flush into surface water or sanitary sewer system.

13. Disposal considerations

Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

14. Transport information

Other applicable information

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

15. Regulatory information

U.S. Regulations

National regulatory information

SARA Section 311/312 Hazards:

Benzotriazole (95-14-7): Immediate (acute) health hazard

State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Changes

Revision date:	09/09/2026
Revision No:	1,03

This data sheet contains changes from the previous version in section(s): 2,9,11,12.

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