

Safety Data Sheet

according to 29 CFR 1910.1200(g)

Bohle Polishing Compound

Revision date: 09/13/2023

Product code: BO5002911

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1. Identification**Product identifier**

Bohle Polishing Compound

Further trade names

BO5002911, 20 kg

Recommended use of the chemical and restrictions on use**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
e-mail: info@bohle.de
Contact person: Dr. Martin Schade
e-mail: MSDS@bohle.de
Internet: www.bohle.com
Responsible Department: Chemie

Telefax: +49 2129 5568-282
Telephone: +49 2129 5568-300

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****29 CFR Part 1910.1200**

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

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

Aqueous solution, Polyol

Hazardous components

CAS No	Components	Quantity
1344-28-1	Aluminum oxide	<25 %
56-81-5	Glycerol	<15 %
471-34-1	Calcium carbonate	<15 %

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

No special measures are necessary.

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After contact with skin

Wash with plenty of water/soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Rinse mouth. Do NOT induce vomiting. If symptoms persist, call a physician.

5. Fire-fighting measures
Extinguishing media
Suitable extinguishing media

 Carbon dioxide (CO₂), Extinguishing powder, Water spray jet, alcohol resistant foam

Unsuitable extinguishing media

Full water jet

6. Accidental release measures
Methods and material for containment and cleaning up
Other information

Soak up with inert absorbent material. Use mechanical handling equipment.

After cleaning, flush away traces with water.

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

None under normal processing.

When using, do not eat, drink or smoke.

Wash hands before breaks and after work.

Advice on general occupational hygiene

See section 7. No additional measures necessary.

Keep away from food, drink and animal feedingstuffs.

Conditions for safe storage, including any incompatibilities
Hints on joint storage

no restriction

Further information on storage conditions

Protect from frost, heat and sunlight.

8. Exposure controls/personal protection
Control parameters
Exposure limits

CAS No	Substance	ppm	mg/m ³	f/cc	Category	Origin
1344-28-1	alpha-Alumina Respirable fraction	-	5		TWA (8 h)	PEL
56-81-5	Glycerin (mist) Respirable fraction	-	5		TWA (8 h)	PEL

Exposure controls
Appropriate engineering controls

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

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Eye/face protection

safety glasses with side-shields conforming to EN166

Hand protection

Not required

Skin protection

Not required

Respiratory protection

Not required

9. Physical and chemical properties**Information on basic physical and chemical properties**

Physical state:	Liquid
Color:	white
Odor:	odourless
Boiling point or initial boiling point and boiling range:	100 °C
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Flash point:	not applicable
pH-Value (at 20 °C):	9
Vapor pressure:	23 hPa
(at 20 °C)	
Density (at 20 °C):	1,35 g/cm ³

Other information**Information with regard to physical hazard classes**Explosive properties
noneOxidizing properties
Not oxidising.**Other safety characteristics**

Solvent content:	0%
Solid content:	35%
Viscosity / dynamic: (at 20 °C)	70 mPa·s

10. Stability and reactivity**Reactivity**

No dangerous reaction known under conditions of normal use.

Chemical stability

Stability: Stable

Possibility of hazardous reactions

Hazardous reactions: Will not occur

Conditions to avoid

Do not mix with acids.

Incompatible materials

Materials to avoid: acids

11. Toxicological information

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Information on toxicological effects
Acute toxicity

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
471-34-1	Calcium carbonate				
	oral	LD50 >5000 mg/kg	Rat		

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.

12. Ecological information
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.

13. Disposal considerations
Waste treatment methods
Disposal recommendations

In accordance with local and national regulations.

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning.
Water (with cleaning agent)

14. Transport information
U.S. DOT 49 CFR 172.101

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.

UN proper shipping name: 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.

UN proper shipping name: No dangerous good in sense of this transport regulation.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

15. Regulatory information
U.S. Regulations
National regulatory information

SARA Section 313 Toxic release inventory:

Aluminum oxide (fibrous forms) (1344-28-1): De minimis limit = 1.0 %, Reportable threshold = Standard

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.

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16. Other information**Hazardous Materials Information Label (HMIS)**

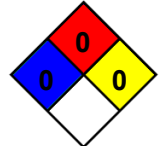
Health: 0
Flammability: 0
Physical Hazard: 0

NFPA Hazard Ratings

Health: 0
Flammability: 0
Reactivity: 0
Unique Hazard:

Revision date: 09/13/2023

Revision No: 1,00



(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)