# Safety Data Sheet

according to 29 CFR 1910.1200(g)

**Corundum for sandblasting**



## 1. Identification

**Product identifier**

Corundum for sandblasting

**Further trade names**

AOAL080, AOAL100, AOAL120, AOAL120.20, AOAL180, AOAL220, AOEK120

| | |
|---|---|
| Substance name: | Aluminuim oxide |
| CAS No: | 1344-28-1 |

**Recommended use of the chemical and restrictions on use**

**Use of the substance/mixture**

Reserved for industrial and professional 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 | 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**

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

Verordnung (EG) Nr. 1272/2008
Der Stoff ist nicht als gefährlich eingestuft im Sinne der Verordnung (EG) Nr. 1272/2008.

**Label elements**

## 3. Composition/information on ingredients

**Substances**

**Chemical characterization**

ALUMINA

**Relevant ingredients**

none (according to 29 CFR 1910.1200(g))

## 4. First-aid measures

**Description of first aid measures**

**After inhalation**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

**After contact with skin**

Wash with plenty of water.

**After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a doctor if you feel unwell.

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

No known symptoms to date.

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

Treat symptomatically.

## 5. Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing media**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media**

none

**Specific hazards arising from the chemical**

none

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

Co-ordinate fire-fighting measures to the fire surroundings.

**Additional information**

none

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**General advice**

Avoid dust formation.

**Environmental precautions**

No special environmental measures are necessary.

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

**Other information**

Take up mechanically, placing in appropriate containers for disposal.

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

## 7. Handling and storage

**Precautions for safe handling**

**Advice on safe handling**

Avoid dust formation.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

Minimum protective measures according to TRGS 500
Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs.
Wash hands before breaks and after work. Avoid contact with skin, eyes and clothes.
Remove contaminated, saturated clothing. Additional hand protection measures: preventive skin protection

**Further information on handling**

none

**Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Keep container dry.

**Hints on joint storage**

none

## 8. Exposure controls/personal protection

**Control parameters**

**Exposure limits**

| CAS No | Substance | ppm | mg/m³ | | Category | Origin |
|---|---|---|---|---|---|---|
| 1344-28-1 | alpha-Alumina Respirable fraction | - | 5 | | TWA (8 h) | PEL |
| 13463-67-7 | Titanium dioxide Total dust | - | 15 | | TWA (8 h) | PEL |
| 13463-67-7 | Titanium dioxide | | | | as low as possible | REL |

**Additional advice on limit values**

To follow: National regulations of Occupational exposure limit values
Dust safety masks are recommended when the dust concentration is more than 10 mg/m3.

**Exposure controls**

**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaustion at critical locations.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

goggles EN 166

**Hand protection**

Wear suitable gloves. Chromate-free leather

**Respiratory protection**

Dust safety masks are recommended when the dust concentration is more than 10 mg/m3.
Filtering Half-face mask (EN 149)

**Environmental exposure controls**

SECTION 6: Accidental release measures
See section 7. No additional measures necessary.

## 9. Physical and chemical properties

**Information on basic physical and chemical properties**

| | |
|---|---|
| Physical state: | solid, powder |
| Color: | white - brown |
| Odor: | none |
| Melting point/freezing point: | ca. 2000 °C |

| | |
|---|---|
| Boiling point or initial boiling point and boiling range: | not applicable |
| Lower explosion limits: | not applicable |
| Upper explosion limits: | not applicable |
| Flash point: | not applicable |
| Auto-ignition temperature: | not applicable |
| pH-Value: | not applicable |
| Water solubility: | insoluble |
| Vapor pressure: | not applicable |
| Density (at 20 °C): | ca. 4 g/cm³ |

**Other information**

**Other safety characteristics**

| | |
|---|---|
| Solvent content: | 0% |
| Solid content: | 100% |
| Flow time: | not applicable |

## 10. Stability and reactivity

**Reactivity**

This material is considered to be non-reactive under normal use conditions.

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

none

**Conditions to avoid**

none

**Incompatible materials**

None known.

**Hazardous decomposition products**

None known.

**Further information**

No hazards to be specially mentioned.

## 11. Toxicological information

**Information on toxicological effects**

**Acute toxicity**

No data available

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

Practical experiences do not give any evidence for CMR activity of categories 1 or 2.

| | |
|---|---|
| Carcinogenicity (OSHA): | Not listed. |
| Carcinogenicity (IARC): | Titanium dioxide (CAS 13463-67-7) is listed in group 2B. |
| Carcinogenicity (NTP): | Not listed. |

**Further information**

Health injuries are not known or expected under normal use.

## 12. Ecological information

**Ecotoxicity**

none

**Persistence and degradability**

According to experiences this product is inert and not degradable.

**Mobility in soil**

none

**Endocrine disrupting properties**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**Other adverse effects**

None known.

## 13. Disposal considerations

**Waste treatment methods**

**Disposal recommendations**

In accordance with local and national regulations.

**Contaminated packaging**

In accordance with local and national regulations.

## 14. Transport information

**Marine transport (IMDG)**

**UN number or ID number:** 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.

**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.

## 16. Other information

Revision date: 09/09/2026

Revision No: 2,07

**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.