

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31



Printing date 18.11.2024

Version number 6 (replaces version 5)

Revision: 18.11.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** SHERABIMSSTEINPULVER
- **Article number:** 954310, 954311
- **CAS Number:**
1332-09-8
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:**
No further relevant information available.
- **Application of the substance / the mixture:** Polishing agent/ Burnishing compound
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SHERA Werkstoff-Technologie GmbH
Espohlstraße 53
D-49448 Lemförde
GERMANY
sdb@shera.de
+ 49 (0) 54 43 - 9933 - 0
- **Further information obtainable from:** Department of product security.
- **1.4 Emergency telephone number:**
+49 5443 9933-0 This number is serviced during office hours.
Opening times: Monday to Thursday from 8 am - 5 pm, Friday from 8 am - 3 pm.

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008:**
The substance is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008:** Void.
- **Hazard pictograms:** Void.
- **Signal word:** Void.
- **Hazard statements:** Void.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Description**
1332-09-8 Bimsstein
- **Description:**
Pumice is a natural complex silicate, mainly consists of silicon dioxide (SiO₂) in which there are the oxides of different elements dissolved.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash with water and soap.
Avoid strong friction.

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- **After eye contact:**
Rinse opened eye for several minutes under running water.
In case of troubles or persistent symptoms, consult an ophthalmologist.
Avoid eye friction.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
In case of troubles, consult an medical.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media** The product itself does not burn.
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Not known.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid formation of dust.
If applicable use dust mask as well as protective goggles.
Ensure adequate ventilation.
- **6.2 Environmental precautions** No special measures required.
- **6.3 Methods and material for containment and cleaning up** Pick up mechanically.
- **6.4 Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Do not store together with hydrofluoric acid.
- **Further information about storage conditions:**
Store in dry conditions.
Keep container tightly sealed.
- **Storage class:** 13 - Solid substance is not a fire hazard.
- **7.3 Specific end use(s)** No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

It is recommended that standards T.L.V. - T.W.A. specified in A.C.G.I.H. 2004, as well as article 4 - EEX Directive 98/24, EEC Directive 1999/45 and EEC Directive 67/548 are observed.

According to the use of this product a permissible dust mask and protective goggles are to be used or if applicable extraction and filter system are to be installed.

TWA 8/40h 5 mg/m³

• **Additional information:** The lists valid during the making were used as basis.

8.2 Exposure controls

• **Appropriate engineering controls** No further data; see section 7.

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

• **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

• **Respiratory protection:** Respiratory protection in case of forming dust.

• **Hand protection**

In case of direct skin contact where friction may arise protective gloves should be used.

The glove material has to be impermeable and resistant to the product. Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

In order to avoid injuries, we recommend that protective gloves are not worn when using polishing units.

• **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

• **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye/face protection** Safety glasses.

• **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

• Colour:	Grey
• Odour:	Odourless
• Melting point/freezing point:	1200 °C
• Boiling point or initial boiling point and boiling range	Undetermined.
• Flammability	Product is not flammable.
• Flash point:	Not applicable.
• Auto-ignition temperature:	Not determined.
• Decomposition temperature:	Not determined.
• pH	Not applicable.
• Solubility	
• water:	Insoluble.
• Partition coefficient n-octanol/water (log value)	Not determined.
• Density and/or relative density	
• Density at 20 °C:	2.4 g/cm ³

9.2 Other information

• Appearance:	
• Form:	Powder

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- **Important information on protection of health and environment, and on safety.**
- **Ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product does not present an explosion hazard.
- **Change in condition:**
- **Softening point/range**
- **Oxidising properties:** None.
- **Information with regard to physical hazard classes**
- **Explosives** Void.
- **Flammable gases** Void.
- **Aerosols** Void.
- **Oxidising gases** Void.
- **Gases under pressure** Void.
- **Flammable liquids** Void.
- **Flammable solids** Void.
- **Self-reactive substances and mixtures** Void.
- **Pyrophoric liquids** Void.
- **Pyrophoric solids** Void.
- **Self-heating substances and mixtures** Void.
- **Substances and mixtures, which emit flammable gases in contact with water** Void.
- **Oxidising liquids** Void.
- **Oxidising solids** Void.
- **Organic peroxides** Void.
- **Corrosive to metals** Void.
- **Desensitised explosives** Void.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** Stable and inert.
- **10.2 Chemical stability** No decomposition if used according to specifications.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Reacts with hydrofluoric acid.
- **10.5 Incompatible materials** Hydrofluoric acid.
- **10.6 Hazardous decomposition products** None, only with the use of hydrofluoric acid.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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** Based on available data, the classification criteria are not met.

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· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

Substance is not listed.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability** Magmatic effusive rock, non biodegradable.

· **12.3 Bioaccumulative potential**

In terms of ecology, pumice products are classed as environmentally-friendly natural products.

· **12.4 Mobility in soil** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Additional ecological information:**

· **General notes:** Generally not hazardous for water.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation:** Smaller quantities can be disposed of with household waste.

· **Waste disposal key:**

The waste disposal code as prescribed in the European Waste Catalogue (EWC) depends on the waste producer and can thus vary for a product. The waste disposal code should thus be obtained separately from the waste producer in each case.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

Void.

· **ADN**

Void.

· **14.2 UN proper shipping name**

· **ADR, IMDG, IATA**

Void.

· **14.3 Transport hazard class(es)**

· **ADR, IMDG, IATA**

· **Class**

Void.

· **ADN/R Class:**

Void.

· **14.4 Packing group**

· **ADR, IMDG, IATA**

Void.

· **14.5 Environmental hazards:**

· **Marine pollutant:**

No.

· **14.6 Special precautions for user**

Not applicable.

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· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	Not a hazardous material with respect to transportation regulations.
· UN "Model Regulation":	Void.

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

- **Regulated explosives precursors**

Substance is not listed.

- **Regulated poisons**

Substance is not listed.

- **Reportable explosives precursors**

Substance is not listed.

- **Reportable poisons**

Substance is not listed.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** Substance is not listed.

- **National regulations:**

- **Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of product properties and do not constitute the basis for a contractual legal relationship. The details must not be changed or transferred to other products. Duplication in an unchanged state is permissible.

- **Department issuing SDS:** Department of product security.

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

- *** Data compared to the previous version altered.**