

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Rev. 2014-11

1. Identification of the substance/preparation and of the company/undertaking

Information on the product

Trade name: pico-bimssteinpulver

Company/undertaking identification:

picodent GmbH
Lüdenscheider Str. 24-26
D-51688 Wipperfürth

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Responsible Department:

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picodent GmbH, Wipperfürth Telephone-No. + 49 (0) 22 67-65 80 0

2. Hazards identification

Information concerning particular hazards for human and environment:

None

3. Composition/information on ingredients

Chemical characterisation:

Natural complex silicate, mainly consisting of silicon dioxide (SiO₂) which contains dissolved oxides of various elements. CAS 1332-09-8

Identifications number:

Not applicable.

Description:

Natural product.

CAS No	EINECS No	Name	EU-classification
1332-09-8	None	Pumice	None

4. First aid measures

After eye contact:

No special measures required. Rinse with clear water thoroughly. Avoid rubbing.

After ingestion:

No special measures required. Drink plenty of water.

After inhalation:

No special measures required. Rinse with plenty of water and supply fresh air.

After skin contact:

No special measures required. Wash off with clear water and avoid intense rubbing.

5. Fire-fighting measures

The product is not flammable, no hazardous releases in case of fire.

6. Accidental release measures

Personal Precautions

Avoid dust formation. If necessary wear respiratory mask and/or protective goggles.

Environmental precautions:

No special measures required.

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7. Handling and storage

Handling: Industrial handling. Avoid dust formation.
Storage: Store in dry place, keep containers sealed, protect against moisture (absorption capacity will be lowered).

8. Exposure controls/personal protection

This pumice is an inert and amorphous silicate and has no free quartz in crystalline form, (< 1,0 %), cristobalite or tridymite. It is recommended that the following standards must be observed: T.L.V. - T.W.A. specified in A.C.G.I.H. 2004, Article 4 - EEC Directive 98/24, EEC Directive 1999/45 and EEC Directive 67/548.

Limitation and monitoring of exposure at the working place: The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace

Respiratory protection: Dust mask.
Eye protection: Goggles.
Skin protection: In case of direct contact with the product wear protective clothes.

Limitation and monitoring of the exposure to the environment: The Pumice is an environmentally friendly natural product.

9. Physical and chemical properties

Form: solid substance in various forms / powder
Colour: white
Odour: Odourless
pH-Value: 7,0 – 8,0
Melting Point: 1.200 °C
Thermal decomposition: ---
Combustibility: Non inflammable
Explosions hazards: None
Fire promoting properties: None
Density: 2.400 g / ml
Bulk density: 350 – 900 g / ml
Solubility in water: Insolubility
Solubility in other solvents: fully soluble only in hydrofluoric acid

10. Stability and reactivity

Chemically stable, soluble only in hydrofluoric acid. No hazardous decomposition products. No particular incompatibilities.

11. Toxicological information

Acute toxicity: Due to its amorphous structure pumice does not cause silicoses, but protection against dust is required. The product is harmless and does not cause allergic or narcotic reactions and is not classified as hazardous material.

12. Ecological information

Ecotoxicity effects: Quantitative data on the ecological effect are not available. The product is not biodegradable. As an inert, natural mineral this pumice is not dangerous for the environment.

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13. Disposal considerations

Must be disposed of according to local regulations and considered as an inert raw material / mineral which is harmless to the environment.

14. Transport information

Not classified as hazardous under transport regulations.

15. Regulatory information

Not subject to labelling in accordance with EEC directives with risk symbols or safety phrases.

Water hazardous class: Not hazardous to waters.

16. Other information

Further Information:

Due to its amorphous structure Pumice stone are not affecting silicosis.
Protection against dust is necessary however. Inhalation of dust has to be avoided. Thus we recommend to observe and follow the standards of TLV and A.C.G.I.H. 1977, note EH / 76.
The information contained herein is based on the present state of our knowledge and therefore does not guarantee certain properties.
Recipients of our product must take responsibility for observing existing laws and regulations