

MEDICAL DEVICE

SAFETY DATA SHEET

Product name:
PoloDent Pumice Powder

POLO MB OISTERWIJK BV

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

1.1 Product identifier

Product name: PoloDent® Pumice Powder
Article number: 73 80 50

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of substance/mixture: Professioneel gebruik.

1.3 Details of the supplier of the safety data sheet

Company: Polo MB Oisterwijk BV
Laarakkerweg 5
5061 JR Oisterwijk
The Netherlands
www.polodent.com

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Physical: Not classified
Health: Not classified
Environmental: Not classified

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Usual chemical name: Pumice
Impurities / additives that can cause danger: none
CAS No. 14808-60-7
Natural complex silicate, mainly consisting of silicon dioxide (SiO₂) which contains dissolved oxides of various elements.
Dangerous substances: None
Further instructions: None

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SECTION 4: First aid measures

4.1 Description of first aid measures

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| General recommendations: | None |
| Skin contact: | Harmless |
| Eye contact: | On contact with dust wash effected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. |
| Ingestion: | Harmless |
| Inhalation: | No danger to health known under normal industrial use. In case of inhalation of dust keep patient calm, remove to fresh air summon medical help. |

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Not applicable.

5.2 Special hazards arising from the substance or mixture

Fire and explosion hazards: Not applicable.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: None

6.2 Environmental precautions

Environmental precautions: None

6.3 Methods and material for containment and cleaning up

Clean-up procedures: Sweep / shovel up.

SECTION 7: Handling and storage

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in dry place, keep containers sealed, protect against moisture and prevent formation of dust.

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

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| Technical measures: | Additional information on the lay-out of technical plant, see 7. |
| Respiratory protection: | Dust mask |
| Protection of hands and skin: | Protective gloves, if skin fiction occurs under direct contact with the product. |
| Eye protection: | Use goggles if a strong formation of dust cannot be avoided. |
| Further information: | This pumice consists of inert silicate and does not contain any free quartz in crystal form like cristobalite, tridymite etc. (<0,1%) It is recommended to follow the norms in T.L.V – T.W.A specified in A.C.G.I.H year 2004, Art. 4 – EEC Directive 98/24, EEC Directive 1999/45 and EEC Directive 67/845. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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| Physical form at 20°C: | Powder |
| Colour: | Light grey. |
| Odor: | Odourless |
| pH value: | 7.5-8.0 |
| Melting point: | 1.500°C |
| Boiling point °C: | Not applicable. |
| Combustibility: | Non inflammable. |
| Explosion hazard: | None |
| Density: | 2.313-2.350 g/ml |
| Density in bulk: | 400-900 g/ml |
| Solubility in water: | Soluble |
| Solubility in other solvents: | Fully soluble only in hydrofluoric acid. |

SECTION 10: Stability and reactivity

No dangerous reactions known.

SECTION 11: Toxicological information

This product is harmless and does not produce allergic or narcotic reactions.

SECTION 12: Ecological information

As natural and inactive products the Pumice Stone pose no risk to the environment.

SECTION 13: Disposal considerations

Product may be disposed using standard cleaning methods.

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SECTION 14: Transport information

Not classified as hazardous under transport regulations.

SECTION 15: Regulatory information

None.

SECTION 16: Other information

16.1 Other information

Overige informatie:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

Legal disclaimer:

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. It is the user's responsibility to satisfy him/herself as to the suitability of such information for his /her own particular use.