

Safety Data Sheet

Ingredients: glass pearls – SiO₂
Hazardous ingredient: pearls of silicon dioxide

SECTION 4: First Aid Measures

4.1 Description of first aid measures

4.1.1 General information:
No special measures required.

After inhalation:
Move victim to fresh air. Ask for medical help if problems appear.

After skin contact:
Wash with water.

After eye contact:
Wash off open lid with plenty of water, ask for medical help.

After swallowing:
Induce vomiting, ask for medical help.

4.2 Most important symptoms and effects, both acute and delayed

Refer to Section 11 – Toxicological information

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable

SECTION 5: Fire Prevention Regulations

5.1 Extinguishing media

Suitable extinguishing agents:
No limitations

Unsuitable extinguishing agents:
Not applicable

5.2 Special hazards arising from the substance or mixture

Not known

5.3 Advice for firefighters

Self-contained breathing apparatus (SBA) and full protective equipment is recommended.

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SECTION 6: Accidental Substance Release Regulations

6.1 Personal precautions, protective equipment and emergency procedures

Remove powder from clothing.

6.2 Environmental precautions

The product is not environmental risk.

6.3 Methods and material for containment and cleaning up

To avoid dusting sprinkle with water and collect mechanically.

6.4 Reference to other sections

Safe handling: see section 7. Personal protection equipment: see section 8. Disposal: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Try to avoid breathing powder and dusting when cleaning.

7.2 Conditions for safe storage, including any incompatibilities

Storage in dry place on room temperature and tightly closed.

7.3. Specific end use(s)

No specific end use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit:

Powder of SiO₂: OEL 0,15 mg/m³

8.2 Exposure controls

Appropriate engineering controls:

No specific measures.

Personal protective equipment

General protection and hygienic measures:

Consider good hygienic precaution. Do not eat, drink or smoke when working. Wash hands when stop working and during breaks.

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Breathing equipment:

Use filter, provide good ventilation

Protection of hands:

Not required

Eye protection:

Wear protective goggles

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

| | |
|------------------------|------------------------------|
| Form | Powder |
| Colour | White |
| Odour | odourless |
| pH value | 5 – 8 (in 80% water mixture) |
| Flash point | n.a. |
| Explosion limit | n.a. |
| Vapour pressure | n.a. |

9.2 Other information

Powder is hygroscopic and it absorbs water.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No specific test data related to reactivity available for this product.

10.2 Chemical stability

In the product form is stable under normal storage and handling conditions.

10.3 Possibility of hazardous reaction

At appropriate storage and handling there are not known any hazardous reactions.

10.4 Conditions to avoid

None.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

None at normal storing and work conditions.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity: not known.
Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified.
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Possible getting silicose when inhale to much powder.

11.2 Information on other hazards

Additional toxicological information:

In our experience and according to the information provided to us, the product does not have any harmful effects when used and handled according to specification. The material is not subject to classification according to EC lists in the last version.

SECTION 12: Ecological information

12.1 Toxicity

Not available for the product.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

Not available for the product.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to EC 1907/2006 REACH, annex XIII.

12.6 Other adverse effect

No other adverse effects.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sprinkle powder with water, collect mechanically and dispose with household garbage.

SECTION 14: Transport Information

| | Land-Road/Railway (ADR/RID): | Inland waterways (ADNR): | Sea (IMDG): | Air (IATA): |
|--|---------------------------------|-----------------------------|-------------|-------------|
| 14.1 UN number | No data available | | | |
| 14.2 UN proper shipping name | No data available | | | |
| 14.3 Transport hazard class(es) | No data available | | | |
| 14.4 Packing group | No data available | | | |
| 14.5 Environmental hazards | No data available | | | |
| 14.6 Special precautions for user | No special precautions | | | |
| 14.7 Maritime transport in bulk according to IMO instruments | No data available | | | |
| Not a dangerous product within the meaning of the transport regulations. | | | | |

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Label Information:

Classification and labeling have been performed according to Regulative 1272/2008.

EU Hazard Symbol and Indication of Danger:

According to Regulation EC 1272/2008 this product is not classified.

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Revision:

Version 03 issued on December 2022 in accordance with EC 1907/2006 (Commission Regulation (EU) 2015/830) and EC 1272/2008.

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Revision in accordance with changes in COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Legend of abbreviations:

ADR - Accord européen relatif au transport international des marchandises dangereuses par route

CAS - Chemical Abstracts Service

CLP – Classification, labeling and packaging

CMR - Carcinogenic, Mutagenic or toxic for Reproduction

DNEL - Derived No-Effect Level

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EmS Emergency Schedule

GHS "Globally Harmonized System of Classification and Labelling of Chemicals"

IARC: International agency for research on cancer

IATA International Air Transport Association

IATA/DGR Dangerous Goods Regulations (DGR) for the air transport (IATA)

ICAO International Civil Aviation Organization IMDG International Maritime

Dangerous Goods Code PBT persistent bioaccumulative, toxic

LD50: Median lethal dose; the dose causing 50% lethality

NTP: National toxicology program

OSHA: Occupational safety and health administration

OEL: Occupational exposure limit

OSHA PELs: Permissible Exposure Limits - 8-hour TWA (time-weighted average) concentrations unless otherwise noted.

PNEC Predicted No-Effect Concentration

PPM parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Règlement concernant le transport International ferroviaire des marchandises

Dangereuses št. vPvB very Persistent and very Bioaccumulative (zelo obstojno in se zelo lahko kopiči v organizmih)

Disclaimer of expressed and implied warranties:

The information contained in the safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.