

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

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Version: SG 3 / EN

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

1.1. Product identifier:

Tradename/designation:

GLAPOR cellular glass gravel SG 800, SG 800 P, SG 800 T, SG 800 E, SG 800+, SG 600, SG 600 P, SG 600 T, SG 600 E, SG 2000 FGSV, HLC, GFS 50, FSA 10

1.2. Relevant identified uses of the substance

Compressive load bearing, non- combustible thermal insulation for building construction / engineering and civil engineering. Light compressive load bearing bulk material for landscape relief and fill for building construction.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

GLAPOR Werk Mitterteich GmbH
Hüblteichstr.17
D – 95666 Mitterteich

☎ : +49 9633 400 769 0

📠 : + 49 9633 400 769 19

@ : info@glapor.de

1.4. EMERGENCY TELEPHONE NUMBER

☎ : +49 9633 400 769 0

Mobile: +49 151 658 271 77 (24 hours)

2. Hazards identification

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [CLP]: harmless mixture

Classification according to 67/548/EEC or 1999/45/EC: harmless substance

2.2. Label elements: None

Hazard statements: None

Precautionary statements:

P260 Do not breathe dust

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P285 In case of inadequate ventilation wear respiratory protection

2.3. Other hazards: None

3. Hazards identification

3.1 Main component of the substance

Substance name: Glass
INDEX No:
EC No: 266-046-0
CAS No: 65997-17-3

4. First aid measures

4.1. Description of first aid measures

General information: Typical symptoms and effects are not known

Following inhalation:

- Move to fresh air
- In case of respiratory distress or respiration stop, initiate artificial respiration
- In all cases of doubt or when symptoms are present, seek medical advice

Following skin contact:

- Remove contaminated clothing
- Rinse with water and soap
- In case of persistent irritation, seek medical attention

Following eye contact:

- In case of eye irritation by glass dust, rinse eyes with open eyelid thoroughly with water and see an eye professional immediately.

Following ingestion:

- DO NOT induce throw up
- Rinse with water
- If you feel unwell, seek medical advice / medical attention
- The physician should decide whether or not to induce throw up

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: No adverse effects expected, can be irritant

Skin contact: No adverse effects expected, can be irritant

Eye Contact: May be irritant

Ingestion: If swallowed, it may cause stomach irritation, nausea, vomiting and diarrhea

4.3. Indication of any immediate medical attention and special treatment needed

None

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray, alcohol resistant foam, Carbon dioxide, dry extinguishing media

Extinguishing media which must not be used for safety reasons: Sharp water jet

5.2. Special hazards arising from the substance or mixture:

None

5.3. Advice for fire-fighters

According to DIN 4102-1, Foam glass is a non-combustible EUROCLASS A1, closed-cell structure. There is no fire propagation of combustible products in the cell structure.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoiding dust development; ensure adequate ventilation or adequate respiratory protection
- see personal protective measures Section 8

6.2. Environmental precautions

Prevention of penetration into the sewer, floats due to low density,
Danger of clogging of pipelines

6.3. Methods and material for containment and cleaning up

- Pick up mechanically dry without dust (for example by suction)
- Ensure adequate ventilation
- Collect in suitable, closed containers for disposal
- Dispose of in accordance with official regulations

6.4. Reference to other sections

For disposal, see section 13

7. Handling and storage

7.1. Precautions for safe handling

- Ensure adequate ventilation
- Use personal protective equipment as prescribed
- For personal protective equipment, see section 8
- Avoid dust formation
- Avoid contact with eyes
- Do not breathe fumes / dust

Measures for protection against fire and explosions:

None

Measures for the prevention of dusts

For mechanical processing avoid dust formation and install good extraction
Hand protection and eye protection

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place

8. Exposure controls/personal protection

8.1. Control parameters

**Occupational exposure limits and / or biological limits
Workplace exposure limits**

Chemical name: glass, oxide, chemicals;

CAS no. : 65997-17-3

Specification:

Hydrogen sulphide: TLV-TWA (mg / m³)

2.3 mg / m³ (NL)

7 mg / m³ (FR, GB)

7.1 mg / m³ (CH)

10 mg / m³ (EE)

14 mg / m³ (BE, ES)

15 mg / m³ (AT, DK)

Carbon dioxide: TLV-TWA (mg / m³)

9131 (BE)

9000³ (NL, NO, DK, SE, CH, HR)

9100 (DE, FI)

9150 (ES, GB)

Carbon dioxide: TLV-STEL (mg / m³)

54784 (BE), 27400 (ES), 27000 (GB), 18000 (SE)

8.2. Exposure controls

Eye / face protection: Safety glasses with side protection (EN 166)

Skin protection: Long-sleeved work cloths / safety gloves

Hand protection: Protective gloves

Respiratory protection: Not required. When working indoors provide ventilation

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Aggregate state: solid

Color: gray

Odor

Odor threshold: odorless

Change of state:

softening from approx. 650 degrees

Initial boiling point and boiling range:

not applicable

Flash point:

not applicable

Evaporation rate:

not applicable

Flammability (solid, gaseous):

not applicable

Vapor pressure:

not applicable

Bulk density:

100 - 180 kg

Solubility in fat:

insoluble

Solubility in water:

insoluble

10. Stability and reactivity

10.1. Reactivity

Non-reactive

10.2. Chemical stability

Stable under normal temperature and pressure conditions

10.3. Possibility of hazardous reactions

No hazardous reactions known

10.4. Conditions to avoid:

No avoidable conditions known

10.5. Incompatible materials:

No incompatible conditions known

10.6. Hazardous decomposition products:

Not present

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity: unclassified (Based on available data the classification criteria not met)

Skin corrosion / irritation: unclassified (Based on available data the classification criteria are not met)

Serious eye damage / eye irritation: unclassified (Based on available data the classification criteria are not met)

Respiratory or skin sensitization: unclassified (Based on available data the classification criteria are not met)

Germ cell mutagenicity: unclassified (Based on available data the classification criteria are not met)

Carcinogenicity: unclassified unclassified (Based on available data the classification criteria are not met)

Reproductive toxicity: unclassified (Based on available data the classification criteria are not met)

Specific target organ toxicity for single exposure: unclassified (Based on available data the classification criteria are not met)

Specific target organ toxicity in case of repeated exposure: unclassified (Based on available data the classification criteria are not met)

Aspiration hazard: not classified unclassified (Based on available data the classification criteria are not met)

12. Ecological information

12.1. Toxicity:

In case of proper handling of the products, there are no environmental impacts.

12.2. **Persistence and degradability:** No data available

12.3. **Bioaccumulative potential:** No data available

12.4. **Mobility in soil:** None

12.5. **Results of PBT and vPvB assessment:** No data available

12.6. **Other adverse effects:** No data available

13. Disposal considerations

13.1. Waste treatment methods

Carefully handle

Contact the manufacturer for information on reuse / recycling

Dispose according to official regulations

Treatment of contaminated packaging:

Transfer to authorized waste disposal company

Waste code according to Ordinance on Waste Disposal (AVV):

Waste key numbers should be provided by the consumer, if possible in consultation with the Waste disposal authorities

Special precautions:

Do not discharge into sewer or rivers

14. Transport information

14.1. **UN No:** Non-classified

14.2. **UN Transport hazard class(es) Proper shipping name:** Non-classified

14.3. **Transport hazard class(es):** Non-classified

14.4. Packing group: Non-classified

14.5. Environmental hazards: Non-classified

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

15. Regulatory information

15.1. National regulations

Safety, health and environmental regulations / specific requirements
Legislation for the substance or mixture

EU regulations: Usage restrictions: not relevant

National rules: Water hazard class: not hazardous to water

15.2. Chemical Safety Assessment:

For this substance a chemical safety assessment is not required

16. Other information

Changes to the previous version:
Full revision of the safety data sheet

The content and format of this safety data sheet are fulfilling the requirements of directive 1999/45 / EC, Directive 67/548 / EC and the regulation 1272/2008 / EC of the European commission and the requirements of annex II of regulation 1907/2006 / EC (REACH) of the European commission.

DISCLAIMER:

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