

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

1.1. Product identifier

Product form	Mixture
Trade name	Solid Glass Beads
Product code	For all types
Product group	Trade product

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

1.2.1. Relevant identified

Main use category	Industrial use, Professional use For professional use only
Function or use category	55/999 Others

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

SOOO «Steklosfera», Dubrovskaya, 54B
224025 Brest, Belarus

1.4. Emergency telephone number

+375 172870016 The Belarus Republican Poison Centre

2. SECTION 2. Hazards identification

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP] The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]

Adverse physicochemical, human health and environmental effects Dust may cause mechanical irritation.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable.

2.3. Other hazards

Other hazards not contributing to the classification None under normal conditions. No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation.

3. SECTION 3. Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name: Soda-lime glass
Product identifier CAS № 65997-17-3 EC № 266-046-0
Classification according to Regulation (EC) No.1272/2008 [CLP] Not classified

Additional text of classification The mixture does not contain any "substances of very high concern" (SVHC) $\geq 0,1$ %, as published by the European Chemicals Agency (ECHA) according to Article 57 of Regulation (EC) No 1907/2006 (REACH).

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4. SECTION 4. First aid measures

4.1. Description of first aid measures

First-aid measures general	If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Assure fresh air breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	Wash with plenty of soap and water
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Obtain medical attention if pain, blinking or redness persist
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell

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

Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use. Dust may cause mechanical irritation
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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. SECTION 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	Do not use a heavy water stream

5.2. Special hazards arising from the substance or mixture

Fire hazard	Not determined
Explosion hazard	None under normal conditions
Hazardous decomposition products in case of fire	On burning: release of harmful/irritant gases/vapours.

5.3. Advice for firefighters

Precautionary measures fire	Avoid static electricity discharges.
Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection. Do not approach fire except upwind and only with proper skin and respiratory protection (supplied air only).
Other information	Do not breathe fumes. Keep upwind.

6. SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

General measures	Dust formation: consult the information on the powder! Wear suitable protective clothing. Concerning personal protective equipment to use, see section 8.
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6.1.1. For non-emergency personnel

Protective equipment	Dust cloud production: dust-tight suit. Respiratory protection.
Emergency procedures	Evacuate unnecessary personnel.
Measures in case of dust release	Knock down/dilute dust cloud with water spray.

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6.1.2. For emergency responders

Protective equipment Equip cleanup crew with proper protection.
Emergency procedures Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment Dust binding agents. Collect all waste in suitable and labelled containers and dispose according to local legislation. Do not use compressed air for pumping over spills.
Methods for cleaning up On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.
Other information Avoid dust formation

6.4. Reference to other sections

For further information refer to section 8: «Exposure controls/personal protection.»

For further information refer to section 13 «Disposal considerations»

7. SECTION 7. Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed None under normal use.
Precautions for safe handling Avoid raising dust. Use only in well ventilated areas. Both local exhaust and good general room ventilation must be provided not only to control exposure. Provide good ventilation in process area to prevent formation of vapour. Handle in accordance with good industrial hygiene and safety procedures.
Hygiene measures Wash hands and other exposed areas with mild soap and water before eating. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products.
Storage conditions Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Protect from moisture. Keep container closed when not in use.
Incompatible products Strong acids. Oxidizing substances. Oxidizing agent.
Heat and ignition sources No flames, no sparks. Eliminate all sources of ignition. Protect from heat and direct sunlight.
Prohibitions on mixed storage Food.
Storage area Store away from heat. Store in a well-ventilated place.
Special rules on packaging Keep only in original container.

8. SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Solid Glass Beads
EU IOELV STEL (mg/m³) 10 mg/m³ dust

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8.2. Exposure controls

Safety requirements for industrial premises, production equipment, technological processes, workplaces, personal protective equipment for workers and labor protection are established in the technological regulations and instructions. The use of mechanical general exchange of supply and exhaust ventilation and local exhaust ventilation is mandatory. The ventilation system of production, storage and auxiliary premises should ensure the content of harmful substances in the air of the working area in accordance with the regulations. Automation and sealing equipment.

Hand protection

Protective gloves

Eye protection

Protective goggles

Skin and body protection

Protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator with filter P1 for solid particles of inert substances. Maintenance, cleaning and inspection of respiratory protection devices in accordance with the manufacturer's instructions



9. SECTION 9. Physical and chemical properties

Physical state	Solid
Colour	White, transparent
pH	7,5-8,0
Melting point	1350 °C
Freezing point	Not applicable
Boiling point	Not applicable
Flash point	Not determined
Relative vapour density at 20 °C	No data available
Density	2,5 g/cm ³
Explosive properties	Product is not explosive
Solubility	At 20 ° C insoluble
Sublimation point	Sublimation point

10. SECTION 10. Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable at room temperature and without humidity

10.3. Conditions to avoid

Direct sunlight. Extremely high or low temperatures

10.4. Incompatible materials

No data available.

10.5. Hazardous decomposition products

No data available

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11. SECTION 11. Toxicological information

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Dust may cause mechanical irritation
CMR effects (carcinogenic, mutagenic and reprotoxic)	Not classified
STOT SE(specific target single exposure); STOT-RE (specific target repeated exposure)	Toxicological data are not available.
Overall assessment on CMR properties	The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.
Other information	No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation

12. SECTION 12. Ecological information

12.1. Toxicity

General characteristics of the impact on environmental objects	No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation
Ecology - air	Not expected to present a significant hazard under anticipated conditions of normal use.
Ecology - water	Not expected to present a significant hazard under anticipated conditions of normal use.

12.2. Persistence and degradability

Not established

12.3. Bioaccumulative potential

Bioconcentration factor (BCF) Not established

12.4. Mobility in soil

Not established

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

This material has not been tested for environmental effects.

13. SECTION 13. Disposal considerations

Regional legislation (waste)	Disposal must be done according to official regulations
13.1 Waste treatment methods	Collect all waste in suitable and labelled containers and dispose according to local legislation
Sewage disposal recommendations	Do not discharge into drains or the environment
Waste disposal recommendations	Dispose of contents/container to Dispose in a safe manner in accordance with local/national regulations.
Additional information	Handle uncleaned empty containers as full ones. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation
Ecology - waste materials	Avoid release to the environment.

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Appropriate disposal / Product Recommendation

This material and its container must be disposed of in a safe way. Remove according to the regulations. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC
Appropriate disposal /
Package Recommendation

07.12 Other glass wastes/ 0 Non-hazardous/
10 11 12 waste glass other than those mentioned in 10 11 11
Non-contaminated packages may be recycled.

14. SECTION 14. Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

No dangerous product in sense of this transport regulation

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

14.6. Special precautions for user

All types of transport

Transport always in closed, upright and safe containers.
Make sure that persons transporting the product know what to do in case of an accident.

15. SECTION 15. Regulatory information

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations

This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The product is intended for professional use

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis.

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16. SECTION 16. Other information

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DNEL	Derived No-Effect Level
EWC	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

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