



Microperl Solid Glass Beads

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 3/31/2016

Revision date: 3/31/2016

Supersedes:

Version: 1.0

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

1.1. Product identifier

Product form : Substance
Trade name : Microperl Solid Glass Beads
CAS No : 65997-17-3
Product code : 050-20-215; 050-40-215; 050-10-215
Product group : Raw material

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Beads Belgium - Sovitec Group
Avenue du marquis, 4
6220 Fleurus - Belgium
T 0032 71 82 27 77 - F 0032 71 81 76 73
info@sovitec.com - www.sovitec.com

1.4. Emergency telephone number

Emergency number : 0032 70 245 245

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Trade name : Microperl Solid Glass Beads
CAS No : 65997-17-3

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Glass	(CAS No) 65997-17-3	99,95 - 99,97	Not classified

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glass	(CAS No) 65997-17-3	99,95 - 99,97	Not classified

Full text of R- and H-phrases: see section 16

3.2. Mixture

Not applicable

Microperl Solid Glass Beads

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Wear personal protective clothing (see chapter 8).
First-aid measures after inhalation	: Move to fresh air in case of accidental inhalation.
First-aid measures after skin contact	: Drying up of the skin. Wash skin with plenty of water and soap.
First-aid measures after eye contact	: Dust from this product may cause eye irritation. Rinse with water while holding the eyes wide open.
First-aid measures after ingestion	: No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion.

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

Symptoms/injuries	: None under normal use.
Symptoms/injuries after inhalation	: None under normal use.
Symptoms/injuries after skin contact	: None under normal use.
Symptoms/injuries after eye contact	: May cause slight irritation.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : The product is not flammable.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Not combustible.
Explosion hazard	: Product is not explosive.

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Spilled materials may cause a slipping hazard. To eliminate this product, the usual cleaning equipment (brush, shovel) is recommended. In storage and working areas, avoid spilling as this will make floors very slippery.

6.1.1. For non-emergency personnel

Protective equipment : Use appropriate safety equipment.
Emergency procedures : For additional information, refer to Section 8 "Exposure controls/personal protection".

6.1.2. For emergency responders

Protective equipment : Use appropriate safety equipment.
Emergency procedures : For additional information, refer to Section 8 "Exposure controls/personal protection".

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Spilled materials may cause a slipping hazard. To eliminate this product, the usual cleaning equipment (brush, shovel) is recommended. In storage and working areas, avoid spilling as this will make floors very slippery.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : No specific data. This product does not present any particular risk when handled in accordance with good occupational hygiene practice.

Handling temperature : > 10 °C

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep product in closed bag, away from humidity, in a well ventilated area if possible and avoid big differences in temperature which could cause the product to form agglomerates.

Maximum storage period : 12 months maximum

Storage temperature : 25 (10 - 50) °C

7.3. Specific end use(s)

See the technical data sheet for further information.

Microperl Solid Glass Beads

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment : Dust production: dust mask with filter type P1. Gas mask at concentration in the air > > TLV.



Eye protection : Safety glasses.

Respiratory protection : When exposure cannot be avoided through adequate ventilation at the work station, and concentrations are lower or equal to 10 times TWA limits, operators are recommended to wear half-mask particulate respirators with N, R or P series filter and 95, 99 or 100 % efficiency. When concentrations are lower or equal to 25 times the TWA limits, operators are recommended to wear powered air purifying respirators equipped with a hood or helmet, and any type of particulate filter.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: White powder.
Colour	: white.
Odour	: odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: > 1350 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1,4 (1 - 1,8)
Density	: 2,46 g/cm ³
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Product is not explosive.

10.2. Chemical stability

Stable at room temperature and without humidity.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

Microperl Solid Glass Beads

Safety Data Sheet

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of with usual cleaning equipment. Discharge together with other inert waste.

SECTION 14: Transport information

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

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Dangerous for the environment	: No
Other information	: No supplementary information available

14.6. Special precautions for user

Special transport precautions : No additional information available

Microperl Solid Glass Beads

Safety Data Sheet

according to Regulation (EC) No. 453/2010

14.6.1. Overland transport

Not applicable

14.6.2. Transport by sea

Not applicable

14.6.3. Air transport

Not applicable

14.6.4. Inland waterway transport

Not applicable

14.6.5. Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no substance on the REACH candidate list

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

The information provided on this MSDS is correct to the best of our knowledge, information and belief of the data of its publication. The information designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material. Revision - See : *.

1	Additional information	Added	Product code
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Other information

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SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product