



Solid Glass Beads Be Fast

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 : Mixture
Trade name : Solid Glass Beads Be Fast
Product code : Echostar 2 WBP Be Fast; Echostar 5 WBP Be Fast; ES25 WBP Be Fast
Product group : Raw material

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use

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]

Eye Dam. 1 H318

Full text of H-phrases: see section 16

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

Xi; R41

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

Serious eye damage/eye irritation, Category 1.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Hazardous ingredients :

Styrene, divinylbenzene and ethylstyrene copolymer, sulfonated, hydrogen form

Hazard statements (CLP) :

H318 - Causes serious eye damage

Precautionary statements (CLP) :

P280 - Wear protective gloves, eye protection, face protection
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER, a doctor

2.3. Other hazards

Other hazards not contributing to the classification

: None under normal conditions.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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3.2. Mixture

| Name | Product identifier | % | Classification according to Directive 67/548/EEC |
|---|---------------------|-------------|--|
| Glass | (CAS No) 65997-17-3 | 87,5 - 92,5 | Not classified |
| Styrene, divinylbenzene and ethylstyrene copolymer, sulfonated, hydrogen form | (CAS No) 69011-20-7 | 7,5 - 12,5 | Xi; R41 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---------------------|-------------|---|
| Glass | (CAS No) 65997-17-3 | 87,5 - 92,5 | Not classified |
| Styrene, divinylbenzene and ethylstyrene copolymer, sulfonated, hydrogen form | (CAS No) 69011-20-7 | 7,5 - 12,5 | Eye Dam. 1, H318 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Specific treatment (see Treat symptomatically on this label).
- First-aid measures after inhalation : Move to fresh air in case of accidental inhalation. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Drying up of the skin. Wash skin with plenty of water and soap. Take victim to a doctor if irritation persists.
- First-aid measures after eye contact : Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist.
- First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth. Get medical advice/attention if you feel unwell.

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

- Symptoms/injuries after eye contact : Causes serious eye damage.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : The product is not flammable. Making extinguishing agents environment-friendly.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not combustible.
- Explosion hazard : Product is not explosive.
- Reactivity in case of fire : Under fire conditions, hazardous fumes will be present.
- Hazardous decomposition products in case of fire : styrene. On heating/burning: release of harmful gases/vapours.

5.3. Advice for firefighters

- Precautionary measures fire : Avoid static electricity discharges. Wear suitable protective clothing.
- Firefighting instructions : Prevent fire-fighting water from entering environment. Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Exposure to fire/heat: keep upwind. Do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. 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

Prevent entry to sewers and public waters. Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| For containment | : Dust binding agents. |
| 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. |
| Other information | : Dispose of in accordance with relevant local regulations. Do not get in eyes, on skin, or on clothing. |

6.4. Reference to other sections

Concerning disposal elimination after cleaning, see section 13. See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|---|
| Additional hazards when processed | : Avoid raising dust. |
| 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 |
| Hygiene measures | : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. hands, forearms and face. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|--|
| Technical measures | : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. |
| 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. |
| Incompatible products | : Strong acids. Oxidizing agent. Strong bases. |
| Maximum storage period | : 12 months maximum |
| Storage temperature | : 25 (10 - 50) °C |
| Special rules on packaging | : Store in a closed container. |

7.3. Specific end use(s)

See the technical data sheet for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

: In the event that dust and/or fine particles are generated with this product, it is prudent to minimize prolonged inhalation exposure to these forms not to exceed the occupational exposure limit

8.2. Exposure controls

Personal protective equipment : Gloves. Safety glasses. In case of dust production: dustproof clothing.



| | |
|---------------------------------|---|
| Hand protection | : protective gloves. |
| Eye protection | : Safety spectacles with side shields. |
| Skin and body protection | : Wear suitable protective clothing. |
| 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. |
| Environmental exposure controls | : Prevent spreading in sewers. Refer to all applicable national, international and local regulations or provisions. |
| Other information | : Contaminated work clothing should not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|----------------|-----------------|
| Physical state | : Solid |
| Appearance | : White powder. |
| Colour | : white. |

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| | |
|--|-----------------------------|
| Odour | : odourless. |
| Odour threshold | : Not applicable |
| pH | : Not applicable |
| pH solution | : Not applicable |
| Relative evaporation rate (butylacetate=1) | : Not applicable |
| Melting point | : > 1350 °C |
| Freezing point | : Not applicable |
| Boiling point | : 100 °C |
| Flash point | : No data available |
| Critical temperature | : 550 °C |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : Not determined |
| Flammability (solid, gas) | : Not flammable |
| Vapour pressure | : Not applicable |
| Vapour pressure at 50 °C | : Not applicable |
| Critical pressure | : Not applicable |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 1,4 (1 - 1,8) |
| Density | : 2,46 g/cm ³ |
| Solubility | : Not determined. |
| Log Pow | : No data available |
| Viscosity, kinematic | : Not applicable |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Explosive Not classified. |
| Oxidising properties | : No data available. |
| Explosive limits | : No data available |

9.2. Other information

Other properties : 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

Stable under normal conditions.

10.4. Conditions to avoid

Moisture.

10.5. Incompatible materials

(some) bases. Strong acids.

10.6. Hazardous decomposition products

styrene.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Classification procedure not required, because the substance or the mixture is by definition not an organic peroxide

Styrene, divinylbenzene and ethylstyrene copolymer, sulfonated, hydrogen form (69011-20-7)

| | |
|---|--------------|
| LD50 oral rat | > 2000 mg/kg |
| LC50 inhalation rat (Vapours - mg/l/4h) | 11 mg/l/4h |

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

pH: Not applicable

Serious eye damage/irritation : Causes serious eye damage.

pH: Not applicable

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

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

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| | |
|---|--|
| Carcinogenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) |
| Specific target organ toxicity (single exposure) | : Not classified (Based on available data, the classification criteria are not met) |
| Specific target organ toxicity (repeated exposure) | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |
| Potential adverse human health effects and symptoms | : Causes serious eye damage. |
| 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. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|---|
| Ecology - general | : Not expected to present a significant hazard under anticipated conditions of normal use. 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 | : Ozone Depleting Substances. Not determined. |
| Ecology - water | : Not expected to present a significant hazard under anticipated conditions of normal use. |

12.2. Persistence and degradability

| | |
|----------------------------------|------------------|
| Solid Glass Beads Be Fast | |
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| | |
|----------------------------------|------------------|
| Solid Glass Beads Be Fast | |
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

| | |
|----------------------------------|-----------------|
| Solid Glass Beads Be Fast | |
| Ecology - soil | Not determined. |

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

| | |
|-----------------------|--|
| Other adverse effects | : This material has not been tested for environmental effects. |
|-----------------------|--|

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. |
| Sewage disposal recommendations | : Do not discharge into drains or the environment. |
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
| Additional information | : Handle uncleaned empty containers as full ones. |
| Ecology - waste materials | : Avoid release to the environment. |

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

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14.6. Special precautions for user

Special transport precautions : No additional information available

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

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.

15.1.2. 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 | Product code | Added | ES25 WBP Be Fast |
| 1.1 | CAS (Chemical Abstracts Service) number | Removed | |
| 2.1 | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Modified | |
| 4 | | Modified | |
| 5 | | Added | |
| 11 | | Modified | |

Data sources : Manufacturer/Supplier.

Other information : 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.

Full text of R-, H- and EUH-phrases:

| | |
|------------|---|
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| H318 | Causes serious eye damage |
| R41 | Risk of serious damage to eyes |
| Xi | Irritant |

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