



# SAFETY DATA SHEET

## 1. Identification

### 1.1 Product identifier

Product Name BroBalls, Infused Odor Neutralizing Balls

### 1.2 Recommended use of the chemical and restrictions on use

Recommended for: General Odour Control

Not recommended for: In food areas of food processing facilities

### 1.3 Details of the supplier of the safety data sheet

Manufactured for: Brodi Speciality Products Ltd.  
3175 14<sup>th</sup> Avenue, Unit 1  
Markham, ON L3R 0H1  
Information 1-877-744-0751

24 Hour Emergency Telephone Number CANUTEC 613-996-6666

## 2. Hazard Identification

Classification of the substance or mixture

Health hazards Skin Irrit. 4 - H315 Eye Irrit. 2B - H320 Skin Sens. 4 - H317

Label elements



Signal word Warning

Hazard statements H315+H320 Causes skin and eye irritation.  
H317 May cause an allergic skin reaction.

Precautionary statements P233 Keep container tightly closed.  
P264 Wash contaminated skin thoroughly after handling.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P391 Collect spillage.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/ container in accordance with local regulations.

Other hazards: This product does not contain any substances classified as PBT or vPvB.

## 3. Composition/information on ingredients

Non-organic, thermally expanded glass granulate, from post-consumer recycled glass containers (glass and flat glass – soda-lime-silica glass)	60-100%
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Ingredients:	Chemical formula	typical % by weight
Silicon dioxide	SiO <sub>2</sub>	70-75
Sodium oxide	Na <sub>2</sub> O	10-15
Calcium oxide	CaO	7-11
Aluminium oxide	Al <sub>2</sub> O <sub>3</sub>	0.5-5
Magnesium oxide	MgO	0-5
Potassium oxide	K <sub>2</sub> O	0-4
Mixture – essential oils The specific chemical identities of the ingredients in this mixture are considered to be trade secrets and are withheld in accordance with the provisions of 1910.1200 of the Code of Federal Regulations.		1-10%

### 4. First-aid measures

#### Description of first aid measures

General information	Get medical attention if any discomfort continues. Show this Safety Data Sheet to medical personnel.
Inhalation	Provide fresh air. If product irritates the respiratory tract, consult a doctor. Get medical attention if symptoms are severe or persist.
Ingestion	Irritation of the mouth, throat, esophagus, and intestinal tract is possible. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
Skin contact	Wash skin thoroughly with soap and water. In the event of any sensitization symptoms developing, ensure further exposure is avoided.
Eye contact	Rinse with water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Consult an ophthalmologist if necessary.
Protection of first aiders	No special measures required.
Most important symptoms and effects, both acute and delayed	
There are no known typical symptoms or effects.	

### 5. Fire-fighting measures

5.1 Suitable extinguishing media	Not applicable, the product is non-flammable
5.2 Special risks of the material/mixture	No special risks are caused by the product or mixture
5.3 Information about fire fighting	The extinguishing agent should be chosen according to the primary cause of fire

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## 6. Accidental release measures

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|---|---|
| 6.1 Personal precautions, protective equipment and emergency procedures | Note to untrained emergency personnel: Use appropriate protective equipment. Ensure adequate ventilation and avoid dust. Use of a dust mask is recommended. Avoid contact with skin and eyes. |
| 6.2 Measures for environmental protection                               | Avoid discharge into drains or watercourses or onto the ground. This product will float on water due to low density, and may cause a blockage of pipework.                                    |
| 6.3 Procedure to stop spillage and measures for cleaning                | Remove spillage by sweeping, vacuuming, or wet absorption. Cover sewer system to prevent the material from entering drains and pipes.   |

## 7. Handling and storage

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|--|--|
| 7.1 Notes for safe handling                                    | Avoid the formation of dust. The usage of a particle filtered protective mask is required for sweeping spills. Avoid contact with eyes. Avoid ingestion or inhalation. |
| 7.2 Notes for safe storage in consideration of incompatibility | Protect against humidity. Keep container closed between uses.  |
| 7.3 Specific end use   | No specific instructions   |

## 8. Exposure Controls/personal protection

- 8.1 Parameters to be controlled: dust generation
- 8.2 Limitation and controlling of the exposition

Personal Protective equipment



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|--------------------------------|---|
| Respiratory protection         | The usage of a particle filtered protective mask is required if significant dust is generated with use.   |
| Eye/face protection            | Wear safety glasses with side shields to protect against eye contact.   |
| Hand protection                | Wear suitable protective gloves in order to minimize skin contact.  |
| Other skin and body protection | May cause skin sensitization or allergic reactions in sensitive individuals. Wear appropriate clothing to prevent repeated or prolonged skin contact.                         |
| Hygiene measures               | Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product. |

## 9. Physical and Chemical Properties

- Information on basic physical and chemical properties
- Appearance                      Solid granule



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Color	Creamy grey
Odor	Characteristic
Odor threshold	No information available
pH	8-12, according to DIN EN ISO 787-9
Melting point	Approximately 900C
Initial boiling point and range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	No information available.
Vapor density	Not applicable
Bulk density	140-600 kg/m3 depending on grain size, according to DIN EN 1097-3
Solubility(ies)	Immiscible with water
Partition coefficient	No information available
Auto-ignition temperature	No information available
Decomposition Temperature	No information available

### 10. Stability and Reactivity

Reactivity	This product is not reactive
Stability	Stable at normal ambient temperatures and pressure conditions
Possibility of hazardous reactions	When handled and stored as directed, no dangerous reactions occur
Conditions to avoid	At temperatures greater than 900C, product will melt
Materials to avoid	Product dissolves on contact with hydrofluoric acid to form hexafluorosilicic acid (H <sub>2</sub> SiF <sub>6</sub> )
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

### 11. Toxicological Information

Information on toxicological effects: There are no toxicological reports on the product

### 12. Ecological Information



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## Toxicity

Persistence and degradability	Biologically non-degradable, as of mineral origin
Bioaccumulative potential	Not applicable
Partition coefficient	No information available.
Mobility in soil	No data available
Other adverse effects	None known.

## 13. Disposal considerations

General information	The generation of waste should be minimized or avoided wherever possible.
Disposal methods	Disposal via wastewater is not recommended. Dispose of the product in accordance with local regulations. Name of waste: lime-soda-silicate glass granulate

## 14. Transport information

UN Number	Not regulated
Proper UN shipping name	Not regulated
Transport hazard classes	Not regulated
Packing group	Not regulated
Environmental Hazards	Not relevant
Special precaution for the user	Protect from humidity. Maximum pneumatic conveying pressure 0.8 bar
Bulk commodity transport in accordance with appendix II of the MARPOL Convention and according to the IBC-Code	Not relevant

## 15. Regulatory information

### Inventories

Canada – DSL/NDSL: All the ingredients are listed or exempt.

## 16. Other information

Revision comments	SDS Created
Revision date	2022-09-11
Revision	0

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