

SAFETY DATA SHEET

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

1.1 Product identifiers

Product name	Glass Beads Lime Glass
CAS number	65997-17-3
Synonyms	No information available

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

Identified uses	Laboratory Chemicals
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1.3 Details of the supplier of the safety data sheet

Company	Lab Alley, LLC 12501 Pauls Valley Road Austin, Texas 78737 U.S.A.
Telephone	512-668-9918
Fax	512-886-4008

1.4 Emergency telephone

Emergency Phone #	US & Canada: 1-800-535-5053	INFOTRAC
	International 1-352-323-3500	INFOTRAC

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Glass beads are not considered to be hazardous by the EPA under 29 CFR 1910.1200 and the Federal Register, Vol. 51, No. 221, pp 41582-41594. The RCRA status in unused material is not hazardous according to the list of CERCLA chemical. It is not on the toxic chemical list in the Committee Print Number 99-169.

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal Word

Warning!

Hazard statements

Dust can cause irritation to the cornea and conjunctiva. Causes mild skin irritation. Localized redness, pruritus and/or pain. May cause irritation by the inhalation of dust.

Precautionary statements

Overexposure may cause temporary respiratory irritation. The product enters directly through the oral or nasal cavity.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

No information available.

SECTION 3: Composition/information on ingredients

3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Glass Oxide	Soda Lime Glass	65997-17-3	100%
SiO ₂	No information available	7631-86-9	68-75%
Na ₂ O	No information available	1313-59-3	12-18%
CaO	No information available	1305-78-8	7-12%
MgO	No information available	1309-48-4	0-5%
Al ₂ O ₃	No information available	1344-28-1	0-2.5%

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice

If inhaled

If existing respiratory/conditions are aggravated in your use of this product, get to well ventilated area. If conditions persist seek medical advice/attention.

In case of skin contact

Wash hands after handling beads and before eating. If skin irritation or rash occurs; get medical advice/attention.

In case of eye contact

Remove contact lenses, if present and easy to do. Continue rinsing, irrigate copiously with clean, fresh water for at least 10 minutes, holding eyelids apart. Do not rub affected area.

If swallowed

Rinse mouth with water (only if the person is conscious).

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media This product does not burn.

Unsuitable extinguishing media None

5.2 Specific hazards arising from the substance or mixture

No information available.

5.3 Special protective equipment and precautions for firefighters

Filtering half-face mask (EN 149), P3 (filters at least 99.95% of airborne particles).

5.4 Further information

Flash Point Not applicable.

Autoignition Temperature No information available.

Explosion limits

Upper No data available.

Lower No data available.

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

NFPA

Health	Flammability	Instability	Physical hazards
0	0	0	N/A

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear gloves as required per job and Safety Glasses or Goggles for eye protection.

6.2 Environmental precautions

Knock down dust with water spray.

6.3 Methods and materials for containment and cleaning up

Vacuum or sweep up excess material to avoid a possible slipping hazard.

6.4 Reference to other sections

Personal protective equipment: see Section 8, Disposal considerations: see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Don't use a brush or compressed air for cleaning surfaces or clothing. Avoid the release and swirling of dust. Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and PPE before entering eating areas.

Hygiene measures

No information available.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

When not in use, keep containers tightly closed. Store in a dry place. Removal of dust deposits (control of dust).

Incompatibilities

See Section 10.

SECTION 8: Exposure controls/personal protection

8.1 Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Component	Type	Value
Glass Oxide	PEL	15mg/m3

US. ACGIH Threshold Limit Values

Component	Type	Value
Glass Oxide	TLV	10mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards

No information available.

Biological occupational exposure limits

No information available.

8.2 Exposure controls

Appropriate engineering controls

Don't use a brush or compressed air for cleaning surfaces or clothing. Regular cleaning of work area. Use a vacuum cleaner fitted with an HEPA filter.

Personal protective equipment

Eye/face protection

Use safety glasses or goggles with side protection.

Skin protection

Wear protective gloves. Wash hands thoroughly after handling.

Body Protection

Wear suitable working clothes.

Respiratory protection

Use respiratory protection for dust-intensive work: NIOSH approved dust respirator or dust mask; Filtering half-face mask (EN 149).

Control of environmental exposure

Control of dust. Use of compressed air to clean clothes prohibited.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	Solid
Appearance	Spherical
Odor	Odorless
Odor Threshold	Not applicable
pH	Not applicable
Melting Point/Range	>2000° F, 1400° C, transition temperature: 1166° F, 630° C.
Boiling Point/Range	Not applicable
Evaporation Rate	Not applicable
Flammability (solid)	Not applicable
Flammability or explosive limit	Not applicable
Upper	Not applicable
Lower	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Density	1.2 - 1.8 g/cm ³
Solubility	No information available
Partition coefficient; n-octanol/water	No information available
Autoignition Temp	No information available
Decomposition Temp	No information available

Viscosity	No information available
Molecular Formula	No information available
Molecular Weight	No information available
VOC Content(%)	No information available
Oxidizing properties	Not applicable

9.2 Other safety information No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

See Section 10.2.

10.2 Chemical stability

There are no conditions to avoid.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Decomposition as a result of use, storage, spill and heating are not known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product Information, Component Information

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Respiratory or skin sensitization

Shall not be classified as a skin sensitizer.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (STOT).

Specific target organ toxicity - repeated exposure

No information available.

Reproductive toxicity

No information available.

Chronic effects

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

11.2 Additional Information

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment (acc. To 1272/2008/EC).

12.2 Persistence and degradability

Data are not available

12.3 Bio accumulative potential

Data are not available

12.4 Mobility in soil

Data are not available

12.5 Results of PBT and vPvB assessment

Data are not available

12.6 Endocrine disrupting properties

Data are not available

12.7 Other adverse effects

Data are not available

SECTION 13: Disposal considerations

13.1 Waste Disposal Methods

Glass beads may be disposed in a solid waste landfill if permitted by applicable Federal, State, and Local Regulation. Considered non-hazardous waste in accordance with Article 3 (2) in conjunction with Annex III of Directive 2008/98/EC. Follow local and national regulations. Consult disposal expert.

SECTION 14: Transport information

DOT (US) Not subject to transport regulations

IMDG Not subject to transport regulations

IATA Not subject to transport regulations

SECTION 15: Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

No information available.

CERCLA Hazardous Substance List (40 CFR 302.4)

No information available.

SARA 304 Emergency release notification

No information available.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

No information available.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

No information available.

SARA 311/312 Hazardous

No information available.

SARA 313 (TRI reporting)

No information available.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

No information available.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

No information available.

Safe Drinking Water Act

No information available.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

No information available.

US state regulations

US. Massachusetts RTK - Substance List

No information available.

US. New Jersey Worker and Community Right-to-Know Act

No information available.

US. Pennsylvania Worker and Community Right-to-Know Law

No information available.

California Proposition 65

No information available.

SECTION 16: Other information

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SECTION 17: Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide 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 or in any process, unless specified in the text.