

The following SDS references the products below:

Perlite: Amorphous Alumina Silicate

Safety Data Sheet #2922

Manufactured By:

InstaZorb International, Inc.

Distributed by Kimball Midwest with the KM product-
identification number:

83-944, 83-948





SAFETY DATA SHEET #2922
MARCH 20, 2016

1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: InstaZorb
Generic Name: Perlite (Expanded or Activated)
Product Form: Inert, inorganic powder
Product Description: Universal granular absorbent
Manufacturer: InstaZorb International
500 NE Spanish River Blvd. Suite 105A
Boca Raton, FL 33431

CAS: 93763-70-3
EINECS: Unknown
Formula: Mixture
Telephone: (561) 416-7302
Emergency: (561) 416-7302
International: 01 (561) 416-7302

2: HAZARD IDENTIFICATION

This product is not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Hazard Statements: None
Precautionary Statements: None
Hazards Not Otherwise Classified (Hnoc): None
Other Information: None
Hazard Symbols(S)/pictogram(S): None required
Interactions with Other Chemicals: Hazardous decomposition: Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	GHS Classification
Amorphous Alumina Silicate	93763-70-3	60 - 100	Not Classified

4: FIRST AID MEASURES

Eye Contact:

Inhalation: REMOVE TO FRESH AIR. DRINK WATER TO CLEAR THROAT AND BLOW NOSE TO EVACUATE DUST. Eyes: FLUSH EYES WITH LARGE QUANTITIES OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN. Skin Contact: NA Skin Absorption: NA Ingestion: NA

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media: CAUTION: Use of water spray when fighting fire may be inefficient.
Specific Hazards Arising from the Chemical: Hazardous decomposition: Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.
Hazardous Combustion Products: Carbon oxides.
Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Refer to protective measures in Sections 7 and 8
Environmental Precautions: Material is not harmful to the environment. Refer to protective measures listed in Sections 7 and 8.
Methods and Materials for Containment: Sweep or vacuum up material. If product is dry and dusty, spray with water mist to suppress dust.
Methods for Clean Up: Sweep or vacuum up material. Dispose in compliance with applicable governmental regulations.

7: HANDLING AND STORAGE

Precautions for Safe Handling and Storage

Handle in accordance with good industrial hygiene and safety practice. Keep container tightly closed. Avoid contact with eyes.
Incompatible Materials: Hydrofluoric Acid. Material reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Amorphous Alumina Silicate Perlite CAS No. 93763-70-3	No established limit	(vacated) TWA: 15 mg/m3 total dust (vacated) TWA: 5 mg/m3 respirable fraction	TWA: 10 mg/m3 total dust TWA: 5 mg/m3 respirable dust

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

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8: EXPOSURE CONTROLS/ PERSONAL PROTECTION **CONTINUED****Carcinogen Data**

Chemical Name	Source	Value
Amorphous Alumina Silicate Perlite	OSHA	Select Carcinogen: No
CAS No. 93763-70-3	NTP	Known: No; Suspected: No
	IARC	Group 1:No; Group 2a:No; Group 2b:No; Group 3:No; Group 4:No

OTHER EXPOSURE GUIDELINES: The exposure limits for nuisance dust are: OSHA PEL: 15mg/m³ TWA, ACGIH 10mg/m³.

Engineering Protection: Eyewash stations, ventilation systems, showers

Eye Protection: No special protective equipment required.

Skin Contact: No special protective equipment required.

Respiratory Protection: None for general use. Use in areas that are well ventilated. If to be used for a prolonged period in a confined area, use NIOSH/MSHA approved respiratory protection.

General Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Physical State: Dry white odorless powder.

Density: 16.8 lbs/ft³

pH: 6.5 – 7.5

Relative Vapor Density (air = 1): NA

Percent Solids By Weight: 100%

Solubility in Water: Not soluble

Viscosity: NA

Specific Gravity: (H₂O=1): 0.08 – 0.20

VOC: NA

Boiling Point/Boiling Range: NA

Vapor Pressure: NA

Relative Evaporation Rate (Butyl Acetate = 1):NA

Molecular Weight: NA

Oil/Water Partition Coefficient: NA

10: STABILITY AND REACTIVITY

Eye Contact:

Inhalation: REMOVE TO FRESH AIR. DRINK WATER TO CLEAR THROAT AND BLOW NOSE TO EVACUATE DUST. Eyes: FLUSH EYES WITH LARGE QUANTITIES OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN. Skin Contact: NA Skin Absorption: NA Ingestion: NA

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Product is non-toxic

Inhalation: Inhalation of the product may cause irritation to the nose, throat, and respiratory tract

Skin Corrosion/Irritation: No known hazard

Eye Damage/Irritation: Eye contact may cause abrasive irritation to eyes

Germ Cell Mutagenicity: Product does not classify under this category

Carcinogenicity: Product is not carcinogenic and does not classify under this category

Reproduction Toxicity: Product does not classify under this category

STOT-Single Exposure: Product does not classify under this category

STOT-Repeated Exposure: Product does not classify under this category

Aspiration Hazard: Product does not classify under this category

12: ECOLOGICAL INFORMATION

Generally considered chemically inert in the environment. Used material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

13: DISPOSAL CONSIDERATIONS

Waste is not hazardous as defined by RCRA (40 CFR 261). Other state and local regulations may vary, consult local agencies as needed. Used material which has become contaminated may have significantly different characteristics based on the contaminants and should be evaluated accordingly..

14: TRANSPORT INFORMATION

D.O.T. Proper Shipping Name: PERLITE CRUDE

DOT: Not regulated TDG: Not regulated ICAO: Not regulated IATA: Not regulated IMDG/IMO: Not regulated ADR/RID: Not regulated

15: REGULATORY INFORMATION

TSCA: Not regulated

DSL/NDL: Not regulated

CERCLA: This product is not subject to reporting

OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200: Not listed

SARA TITLE III:

SECTIONS 311/312: Not applicable

SECTIONS 313: Not applicable

SECTIONS 302: Not applicable

CAA (CLEAN AIR ACT): Not applicable

CWA (CLEAN WATER ACT): Not applicable

CALIFORNIA PROPOSITION 65: Not applicable

STATE RIGHT TO KNOW LISTS: Not applicable

WHMIS: Not applicable

16: OTHER INFORMATION

Storage Segregation Hazard Classes: NA

Special Workplace Engineering Controls: ADEQUATE VENTILATION TO KEEP DUST LEVEL BELOW PEL