



SAFETY DATA SHEET #2922  
MARCH 20, 2019

### 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  
PO Box 58  
Hallandale, FL 33008

CAS: 93763-70-3  
EINECS: Unknown  
Formula: Mixture  
Telephone: (754) 707-8040  
Fax: (561) 416-8040  
International: 01 (754) 707-8040

### 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<br>CAS No. 93763-70-3 | No established limit | (vacated) TWA: 15 mg/m3 total dust<br>(vacated) TWA: 5 mg/m3 respirable fraction | TWA: 10 mg/m3 total dust<br>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/m<sup>3</sup> TWA, ACGIH 10mg/m<sup>3</sup>.

**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/ft<sup>3</sup>

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: (H<sub>2</sub>O=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

**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