

SAFETY DATA SHEET

Prepared:6/23/2021 Revised 9/1/2021

1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Coarse Horticultural Perlite **Generic Name:** Perlite (Expanded or Activated) Chemical Name: Amorphous Alumina Silicate

Product Form: White, off gray, inert, inorganic powder

CAS: 93763-70-3 **EINECS:** Unknown Company: Palmetto Vermiculite

> 13089 US Hwy 221 S. Woodruff, SC 29388

800-729-2796 Phone: Fax #: 864-969-2939 **Emergency:** 800-729-2796

2: HAZARD IDENTIFICATION

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 Hazard Symbols(S)/pictogram(S): None required

Prolonged and repeated exposure to excessive concentrations of this or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary irritation. This product has not been classified as a carcinogen by NTP or IARC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name CAS Number: 93763-70-3 PEL and TLV (Except as noted) Perlite-Expanded By Weight: 100% 5mg/M3 respirable fraction Amorphous Alumina Silicate 10mg/M3 total nuisance dust

4: FIRST AID MEASURES

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 Absorption: NA Skin Contact: NA Ingestion: NA

5: FIRE FIGHTING MEASURES

Flash Point (Method): Nonflammable NFPA Flammable/Combustible Liquid Classification: NA

Flammable Limits LEL: NA Auto-Ignition Temperature: NA

Unusual Fire/Explosion Hazards: None Special Firefighting Procedure: None Extinguishing Media: NA

6: ACCIDENTAL RELEASE MEASURES

Procedure for Spill: Material is not harmful to the environment. If product is dry and dusty, spray with water mist to suppress dust. Sweep or vacuum clean dust with equipment fitted with a HEPA filter. Dispose in compliance with applicable governmental regulations.

7: HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practice. Minimize dust generation and accumulation. Avoid breathing dust. Keep container tightly closed. Avoid contact with eyes.

Incompatible Materials: Material reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye Protection: No special equipment required. Goggles or safety glasses with side shields recommended.

Skin Contact: No special protective equipment required.

Ventilation: Use sufficient natural or mechanical ventilation to keep dust below PEL.

Exposure limits: OSHA PEL: 5mg/M3 respirable nuisance dust ACGIH TLV: 10mg/M3 total nuisance dust Respiratory Protection: <10X PEL use an N95 Quarter or half mask respirator; <50X PEL use a full-face respirator with N95 filters; <200X PEL use powered air purifying respirator (positive pressure) with N95 filters; >200X PEL use a full-

face Type C supplied respirator (continuous flow mode).

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Physical State: White/off gray, powdery solid, odorless

Specific Gravity: (H2O=1): 2.2-2.4 Relative Vapor Density (air = 1): NA

% Volatile by Volume: Nil Vapor Pressure: NA

Relative Evaporation Rate (Butyl Acetate = 1):NA

Viscosity: NA

pH: 6.5 - 7.5

Specific Gravity (Bulk): .08-.20 Boiling Point/Boiling Range: NA Solubility in Water: Not soluble Percent Solids by Weight: 100%

Melting Point: >2000 F

Oil/Water Partition Coefficient: NA

10: STABILITY AND REACTIVITY

Material is stable.
Chemical Incompatibility: Hydrofluoric Acid

Hazardous Polymerization cannot occur

11: TOXICOLOGICAL INFORMATION

Product is non-toxic. Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease. Eye contact may cause temporary irritation to eyes. This product has not been classified as a carcinogen by NTP or IARC.

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 Hazardous Classification: Not classified

Reportable Quantities: NA UN, NA Number: NA

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

15: REGULATORY INFORMATION

OSHA Hazard Communication Standard, 29 CFR 1910.1200: Not considered hazardous.

RCRA: Not defined as hazardous waste per 40 CFR 261.

TSCA: Not listed in the TSCA inventory and is not otherwise regulated by TSCA Sec. 4-7 or 12.

CERCLA: This product is not subject to reporting. Local requirements may vary.

SARA TITLE III: SECTIONS 311/312: Immediate and delayed health SECTIONS 313: NA SECTIONS 302: NA CAA (CLEAN AIR ACT): Not applicable DSL/NDSL: Not regulated California Proposition 65: NA

16: OTHER INFORMATION



DUST MASK & GOGGLES/SAFETY GLASSES





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