



AZOMITE[®] - Powder Material Safety Data Sheet

Section I – Manufacturer

AZOMITE Mineral Products, Inc. 7406 NE 84th Terrace, Kansas City MO 64157, USA
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Section II – Hazardous Ingredients/Identity Information

Chemical name: Hydrated Sodium Calcium Aluminosilicate Trade Name: AZOMITE[®]
Formula: $\text{NaK}_2\text{Ca}_5\text{A}_{13}\text{Si}_{21}\text{O}_{706}\text{H}_2\text{O}$ Other elements are present as minor minerals in this natural product
Hazardous Ingredients: None known

Section III – Physical/Chemical Characteristics

Boiling Point (°) N/A Sp.Gr.(Water=1) 0.75
Melting Point (°F) >1,000 Solubility in water <1%
Vapor pressure (mm Hg) 0 Odor None
Appearance Tan to pink Taste None
Bulk density / cubic foot 48 pounds
Humidity Product is somewhat hygroscopic. Store in covered area for a maximum of one year in areas with high levels of humidity. In areas with average humidity levels store a maximum of five years.

Section IV – Fire and Explosion Hazard Data

Flash Point N/A Flammable Limits N/A

Section V – Reactivity Data

Stability (pH) Unstable in acid
Conditions to avoid Exposure to acid
Hazardous polymerization Will not occur

Section VI – Health Hazard Data

Threshold Limit Value – Mineral particles are classified as nuisance dusts by the American Conference of Governmental Industrial Hygienists (ACGIH) in their 1983-1984 TLV List. This material contains some free Silica (Fine silt and sand). Use ACGIH Publication to determine appropriate TLV.

Effect of Overexposure – Repeated inhalation of excessive concentration of any dust, including this material, may lead to lung injury.

Section VII – Precautions for Safe Handling and Use

In case of spill, sweep or scoop up material.
Dispose in a container for non-hazardous materials.
Dusty product; cover bare skin and wear eye and respiratory protection.

Section VIII – Control Measures

Respiratory protection Dust mask
Eye protection YES
Gloves YES

