

Material Safety Data Sheet

May be used to comply with

OSHA's Hazard Communication Standard, 29 CFR 1910.1200. This Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health
Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

IDENTITY (<i>As Used on Label and List</i>) ST. Gabriel Organics Insect Dust Active ingredient: Diatomaceous Earth Total 100% Total 100%	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate this.
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Section I

Manufacturer's Name: St. Gabriel Organics	Emergency Telephone Number (800) 801-0061 Toll Free
Address: 14044 Litchfield Drive	Telephone Number for Information (540) 672-0866
Orange, Virginia 22960	Date Revised: November 11, 2008 Revised by: Cathy A. Stiles

Section II - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H₂O = 1)	2.2
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Negligible			
Appearance and Odor Appearance: Fine off-white powder Odor: No odor			
Ingredients:	OSHA	ACGIH	TLV
Silica, amorphous, Diatomaceous Earth (uncalcined)	80mg/m ³ % SiO ₂	10mg/m ³ (inhalable) 3mg/m ³ (respirable)	

Section III - Fire and Explosion Hazard Data

Flash Point (Method Used) Not known	Flammable Limits Not tested	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures N/A			

<p>Unusual Fire and Explosion Hazards NONE</p>
<p>Hazardous Decomposition Products: Acid Vapors, Carbon Dioxide, Carbon Monoxide</p>

Section IV - Reactivity Data

Stability: Inert			Conditions to Avoid: None
Incompatibility: No incompatibility. Reacts with Hydrofluoric acid, soluble in HF.			
Hazardous Decomposition or Byproducts None Known			
Hazardous Polymerization None			

Section V - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? No	Ingestion? No
<p>Health Hazards: Signs and Symptoms of Exposure: Exposure may result in coughing, wheezing, shortness of breath, tightness of chest, irritation of the upper respiratory tract and damage to lung tissue. Medical Condition Generally Aggravated by Exposure: Pre-existing asthma, bronchitis, emphysema and other lung and respiratory ailments may be aggravated by exposure to dust. Possible effects of single exposure: Inhalation: Irritations of the upper respiratory tract and lungs may result from accidental or chronic occupational exposure to the dust of this product. Dust may also cause lung damage when inhaled. Review of toxicology reports has found both positive and negative findings in regard to the development of silicosis from exposure to crystalline silica. Skin Contact: No known hazards Ingestion: No known hazards</p>			
Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
<p>Emergency and First Aid Procedures: Inhalation: Blow nose, rinse mouth, drink water to clear throat. Remove to fresh air. Skin Contact: Of no general concern. Simply wash with soap and water. Eye Contact: Flush with copious amounts of cool water for 15 minutes. Blow nose, rinse mouth, drink water to clear throat. If irritation or discomfort persists, call a physician.</p>			

Section VI - Precautions for Safe Handling and Use

<p>Steps to Be Taken in Case Material is Released or Spilled: Mist lightly with water, sweep up and transfer to a closed container, or vacuum with equipment fitted with an effective filter. Transfer any broken bags to new bags without emptying.</p>
<p>Waste Disposal Method: Bury as non-toxic waste in an approved landfill.</p>
<p>Precautions to be taken in Handling and Storing Handling and storage: Use techniques that minimize generating dust. Work/Hygienic Practices: Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off. Wash hands before taking food.</p>
<p>Other Precautions NA</p>

Section VII - Control Measures

<p>Ventilation: Yes</p>	<p>Local Exhaust Yes</p>	<p>Special Dust mask(particulate filter respirator)</p>

<p>Protective Gloves: Not required</p>	<p>Eye Protection Wear safety goggles when handling the product and during application.</p>
<p>Other Protective Clothing or Equipment: None required</p>	

Section VIII - Special Precautions

<p>Precautions to be taken in Handling and Storing: Minimize creating dust.</p>

The above information is believed to be correct, but does not purport to be all inclusive. This data should be used only as a guide in handling this material. Insect Dust/St. Gabriel Organics shall not be held liable for any damage resulting from handling or from direct contact with this product.

