

# 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

<b>IDENTITY</b> (As Used on Label and List) <b>St. Gabriel Organics Insect Dust, AntEater</b> Active ingredient: Food Grade Diatomaceous Earth (uncalcined) Total 100%	Note: Diatomaceous Earth >85 % SiO <sub>2</sub> (Silica, amorphous) <0.1% crystalline silica <10% Other Elemental Oxides ~5% Moisture
--	--

### Section I

Manufacturer's Name: <b>St. Gabriel Organics</b>	Emergency Telephone Number <b>(800) 801-0061 Toll Free</b>
Address: <b>14044 Litchfield Drive</b>	Telephone Number for Information <b>(540) 672-0866</b>
<b>Orange, Virginia</b> <b>22960</b>	Date Revised: February 2, 2011 Revised by: Benjamin M Welborn

### Section II - Physical/Chemical Characteristics

<b>Boiling Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	2.2
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Melting Point</b>	N/A
<b>Vapor Density (AIR = 1)</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A

**Solubility in Water** Suspendable

#### Appearance and Odor

**Appearance:** Fine off-white powder      **Odor:** No odor

#### Ingredients:

**Diatomaceous Earth, Natural 100%**  
**CAS# 61790-53-2**

**OSHA PEL (ACGIH TLV)**  
**10 mg/m<sup>3</sup> total dust for products**  
**Containing < 1% quartz**

**Other Limits**  
**Not available**

**Section III - Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b> Not known	<b>Flammable Limits</b> Not tested	<b>LEL</b> N/A	<b>UEL</b> N/A
<b>Extinguishing Media</b> N/A			
<b>Special Fire Fighting Procedures</b> N/A			
<b>Unusual Fire and Explosion Hazards</b> NONE			
<b>Hazardous Decomposition Products:</b> Acid Vapors, Carbon Dioxide, Carbon Monoxide			

**Section IV - Reactivity Data**

<b>Stability:</b> Inert			<b>Conditions to Avoid:</b>
<b>Hazardous Polymerization</b> None			Incompatible with Hydroflouric acid

**Section V - Health Hazard Data**

<b>Route(s) of Entry:</b>	<b>Inhalation?</b> Yes	<b>Skin?</b> No	<b>Ingestion?</b> No
<b>Health Hazards:</b> <b>Signs and Symptoms of Exposure:</b> Exposure may result in coughing, wheezing, shortness of breath, tightness of chest, irritation of the upper respiratory tract and damage to lung tissue. <b>Medical Condition Generally Aggravated by Exposure:</b> Pre-existing asthma, bronchitis, emphysema and other lung and respiratory ailments may be aggravated by exposure to dust. <b>Possible effects of single exposure:</b> Acute exposure may cause upper respiratory irritation. <b>Inhalation:</b> 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. <b>Skin Contact:</b> No known hazards <b>Ingestion:</b> No known hazards			
<b>Carcinogenicity:</b>	<b>NTP?</b> N/A	<b>IARC Monographs?</b> N/A	<b>OSHA Regulated?</b> N/A
<b>Emergency and First Aid Procedures:</b> <b>Inhalation:</b> Blow nose, rinse mouth, drink water to clear throat. Remove to fresh air. <b>Skin Contact:</b> Of no general concern. Simply wash with soap and water. <b>Eye Contact:</b> 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.			

**Section VI - Precautions for Safe Handling and Use****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.

**Waste Disposal Method:**

Bury as non-toxic waste in an approved landfill.

**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.

**Section VII - Control Measures**

<b>Ventilation:</b> Yes	<b>Local Exhaust</b> Yes	<b>Special</b> Dust mask(particulate filter respirator)
<b>Protective Gloves:</b> Not required	<b>Eye Protection</b> Wear safety goggles when handling the product and during application.	
<b>Other Protective Clothing or Equipment:</b> None required		

**Section VIII - Special Precautions**

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/AntEater/St. Gabriel Organics shall not be held liable for any damage resulting from handling or from direct contact with this product.