

## MATERIAL SAFETY DATA SHEET

**PRODUCT:** PRO® Green Earth S. D. Insect Dust

**CODE:**5187071

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** 28746  
**Chemical Name:** Diatomaceous Earth  
**Synonyms:** Amorphous Silica, Silicon Dioxide  
**Chemical Family:** Silica  
**Product Use:** Insecticide  
**TDG Classification:** Not Regulated

### SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENTS	WEIGHT %	CAS REG #	LD 50 (mg/Kg)	T.W.A. – T.L.V.
Diatomaceous earth	97	7631-86-9	-	-
Crystalline silica	<3	14808-60-7	-	10 mg/m <sup>3</sup>

### SECTION 3 - PHYSICAL DATA

<p><b>Physical State:</b> Solid  <b>Specific Gravity:</b> Not Applicable  <b>Boiling Point:</b> Not Applicable  <b>% Volatiles:</b> Not Applicable  <b>Solubility in Water:</b> Insoluble</p>	<p><b>Appearance\Odour:</b> fine white powder; no odour  <b>pH:</b> No Data  <b>Freezing/Melting Point:</b> Not Applicable  <b>Vapour Density:</b> Not Applicable  <b>Evaporation Rate:</b> Not Applicable</p>
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### SECTION 4 - FIRE AND EXPLOSION

<p><b>Flash Point:</b> Not Applicable  <b>Lower Explosion Limit %:</b> Not Applicable  <b>Fire Extinguishing Media:</b> Foam, Dry Chemical, Carbon Dioxide, Water Fog  <b>Fire Fighting Procedures:</b> Determined by surrounding materials  <b>Other Fire or Explosion Hazards:</b> None Known</p>	<p><b>Autoignition Temperature:</b> Not Applicable  <b>Upper Explosion Limit %:</b> Not Applicable</p>
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### SECTION 5 - REACTIVITY DATA

<p><b>Stability:</b> Stable  <b>Conditions to Avoid:</b> None under normal use  <b>Incompatibility (Materials to Avoid):</b> Hydroflouric acid  <b>Hazardous Decomposition Products:</b> None known</p>	<p><b>Hazardous Polymerization:</b> Will not occur</p>
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## SECTION 6 - HEALTH HAZARD DATA

- Acute Effects of Overexposure:** Inhalation can cause irritation to the throat and nose. In extreme exposures some congestion may occur.
- Effects of Chronic Exposure:** Crystalline silica is an inhalation hazard. Classified as a carcinogen. Can also cause silicosis of the lung.
- Other Health Effects:** May aggravate pre-existing upper respiratory and lung diseases, such as bronchitis, emphysema and asthma.

## SECTION 7 - FIRST AID PROCEDURES

- Inhalation:** Move victim to fresh air. Give artificial respiration ONLY if required. Give CPR if there is no breathing AND no pulse. OBTAIN MEDICAL ADVICE.
- Skin Contact:** Flush skin with running water and thoroughly wash with soap and water. If irritation persists, seek medical attention.
- Ingestion:** Give 1 to 2 glasses of water (200 to 500 ml) to dilute material. DO NOT induce vomiting. If vomiting occurs, lean victim forward with head down to avoid breathing vomitus. OBTAIN MEDICAL ADVICE.
- Eye Contact:** Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists, seek medical attention.

## SECTION 8 - PREVENTIVE MEASURES

- Respiratory Protection:** None normally required under normal usage
- Eye Protection:** None normally required under normal usage
- Skin Protection:** None normally required under normal usage
- Other Personal Protective Equipment:** None
- Engineering Controls:** Local exhaust or ventilation
- Handling Procedures and Equipment:** Avoid breathing dust, contact with eyes, skin and clothing. Wash thoroughly after use.
- Storage Requirements:** Store in a cool, dry, ventilated area. Keep out of reach of children and pets.
- Storage Temperature:** Min: none °C Max: 40°C

## SECTION 9 - ENVIRONMENTAL PROTECTION DATA

- Spill and Leak Procedures:** Stop leak and contain spill. Sweep up spilled material and shovel in waste container for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.
- Waste Disposal:** Dispose of empty packaging in garbage. Dispose of waste material in accordance with local, provincial, or federal government regulations.
- Environmental Effects:** Do not contaminate local water supplies or environments.

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**Prepared by:** Technical Department

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