

MATERIAL SAFETY DATA SHEET

PRODUCT: Green Earth Slug & Bug Insect Killer Dust

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 26622

Product Code: 7 38055 0

Chemical Name: Diatomaceous Earth

Synonyms: Amorphous Silica, Silicon Dioxide

Chemical Family: Silica

Product Use: Domestic Insecticide

TDG Classification: Not Regulated

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Diatomaceous Earth	100	7631-86-9	-	-
Crystalline Silica	< 0.5	14808-60-7	Oral, Rat: >8000mg/kg	0.1 mg/m3

SECTION 3 - PHYSICAL DATA

Physical State: Solid

Specific Gravity: 2.3 (water = 1)

Boiling Point: Not Applicable

Vapour Pressure: Not Applicable

% Volatiles: Not Applicable

Solubility in Water: Negligible

Appearance\Odour: Fine white powder with no odour.

pH: No Data

Freezing/Melting Point: Not Applicable

Vapour Density: Not Applicable

Evaporation Rate: Not Applicable

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable

Lower Explosion Limit %: Not Applicable

Fire Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water Fog

Fire Fighting Procedures: Determined by surrounding materials.

Other Fire or Explosion Hazards: None Known.

Autoignition Temperature: Not Applicable

Upper Explosion Limit %: Not Applicable

SECTION 5 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None under normal use.

Incompatibility (Materials to Avoid): Hydrofluoric Acid.

Hazardous Decomposition Products: None Known.

Hazardous Polymerization: Will Not Occur

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: This product contains crystalline silica, which is considered a hazard by inhalation. Transitory upper respiratory irritant. Inhalation can cause irritation to the throat and nose. In extreme exposures

some congestion may occur. Can cause temporary irritation or inflammation of the eyes. Avoid skin contact.

Effects of Chronic Exposure: Crystalline silica is an inhalation hazard. IARC has classified crystalline silica as carcinogenic for humans (Group 1). NTP has added crystalline silica to its list of substances that are "reasonably anticipated to be carcinogens". Inhalation of crystalline silica is a known cause of silicosis, a noncancerous lung disease caused by excessive exposure.

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 spontaneous 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 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. Minimize dust generation and accumulation. Vacuum clean dust with equipment fitted with HEPA filter. Use a dust suppressant such as water if sweeping is necessary. 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 container in household garbage. Waste is not hazardous. Dispose of waste product 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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