

## MATERIAL SAFETY DATA SHEET

**PRODUCT: HomeCare Bed Bug & Crawling Insect Killer Dust**

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** 26679

**Product Code:** 7 38122 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

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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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