

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. 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 (As Used on Label and List)

Diatomaceous Earth Crawling Insect Killer

ID # 7372914

Date: July 21, 2014

Section I

Bonide Products, Inc. (800) 424-9300
6301 Sutliff Road (315) 736-8231
Oriskany, NY 13424

For residential use only. Use according to product label. Not for human consumption.

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Diatomaceous Earth, Natural (Including silicon dioxide, other oxides and moisture)	CAS#61790-53-2			100%

EMERGENCY OVERVIEW – WARNING! Nuisance dust may cause mechanical EYE irritation. Excessive concentrations of a nuisance dust may cause reactions such as coughing, sneezing and nasal irritation.

Section IV – First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT - If material comes in contact with the eyes, promptly wash the eyes with water.

SKIN CONTACT - No special precautions; flush with water.

INHALATION - If a person breathes in large amounts of this material, move the exposed person to fresh air at once. Blow nose to evacuate dust.

INGESTION – Give large amounts of water to reduce drying affect.

CHRONIC EFFECTS OF OVEREXPOSURE: None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

Section V– Fire-Fighting Measures

FLASH POINT: N/A AUTO IGNITION TEMP: N/A

EXTINGUISHING MEDIA: Use appropriate media to extinguish source.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to disperse vapors. Use self-contained breathing apparatus and special protective clothing.

Section VI– Accidental Release Measures

Accidental spills can be cleaned up by sweeping, vacuuming, or flushing with water. Take steps to minimize dust generation.

Section VII – Personal Protection

ENGINEERING CONTROLS: Mechanical ventilation may be necessary to maintain dust below exposure levels. Not normally needed.

RESPIRATORY EQUIPMENT: An approved NIOSH dust respirator should be used when dust exposure standard is exceeded (nuisance dust 15 mg/m³).

EYE PROTECTION: Safety goggles, safety glasses.

PROTECTIVE CLOTHING: Gloves, Long pants, socks & full shoes suggested.

OTHER (SAFETY SHOWERS, EYE WASH STATIONS, ETC.): None.

Section VIII – Handling & Storage

HANDLING AND STORING: Store in a cool dry area. Not intended for human consumption- DO NOT EAT. Wash thoroughly after handling and before eating, drinking or smoking. Stay upwind of product when applying to avoid excess dust.

KEEP OUT OF REACH OF CHILDREN.

Section IX – Physical & Chemical Properties

APPEARANCE: White to Light tan color powder.	ODOR: Odorless
BOILING POINT: Not determined	BULK DENSITY: 2.0
VAPOR PRESSURE: N/A	VAPOR DENSITY (air=1): N/A
SOLUBLE IN WATER: Negligible	MELTING POINT: 1300° C
pH: N/A	

Section X – Stability & Reactivity

STABILITY: Stable

INCOMPATIBILITY: Hydrofluoric Acid. Products containing silica may react violently with hydrofluoric acid.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur CONDITIONS TO AVOID: N/A

Section XI – Toxicology Information

Amorphous silica is not classifiable as carcinogenic to humans.

CARCINOGENICITY: NTP: No IARC: No OSHA: No

Section XII– Ecological Information

Non-biodegradable, inert, with little potential for bioaccumulation.

Section XIII – Disposal Consideration

WASTE DISPOSAL PROCEDURES:
Use normal waste disposal procedures that are in compliance with federal, state, and local regulations.

Section XIV – Transportation Information

DOT PROPER SHIPPING NAME: Not regulated by DOT DOT HAZARD CLASS: N/A
DOT IDENTIFICATION NUMBER: N/A DOT EMER. RESPONSE GUIDE NO.: N/A

Section XV – Regulatory Information

OSHA: Under the Hazard Communication Standards, crystalline silica is classified as a toxic and hazardous substance.

TSCA: Appears on list but is not regulated.

Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Section XVI – Other Information

Form creation date: July 21, 2014.

KEEP OUT OF REACH OF CHILDREN**ABBREVIATION KEY**

N/A: NOT AVAILABLE OR APPLICABLE	N/E: NOT ESTABLISHED	ND: Not Determined
TLV: THRESHOLD LIMIT VALUE	TWA: TIME WEIGHTED AVG./ 8 HOUR WORKDAY	
STEL: SHORT TERM EXPOSURE LIMIT	D.O.T.: DEPARTMENT OF TRANSPORTATION	

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