



Bonide Diatomaceous Earth Crawling Insect Killer

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Substance name : Bonide Diatomaceous Earth Crawling Insect Killer
Product code : 7372914

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Insecticide

1.3. Details of the supplier of the safety data sheet

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

Telephone Number: (315) 736-8231

Comment: Bonide hours of operation are 8:00 a.m. to 4:30 p.m EST.

Website: www.bonide.com

Email address: sales@bonide.com

1.4. Emergency telephone numbers (24 hour)

Medical : SafetyCall - (833) 972-1101
Spills : CHEMTREC - 1 (800) 424-9300 and/or 1 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness.

SECTION 3: Composition/information on ingredients

Mixture

Name	Product identifier	%
Diatomaceous Earth - Amorphous Silica	(CAS No) 61790-53-2	85

PEL and TLV - Diatomaceous Earth (Uncalcined) 6 mg/M₃ Total Dust MSHA, 10 mg/M₃ Total Dust ACGIH

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Assure fresh air breathing. Drink water to clear throat and blow nose to evacuate dust.
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

None applicable as product is nonflammable

5.2. Special hazards arising from the substance or mixture

None

5.3. Advice for firefighters

None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

None available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Vacuum clean dust with equipment fitted with HEPA filter. On land, sweep or shovel into suitable containers. Minimize generation of dust by using water if sweeping is necessary.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Seal broken bags immediately.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep bags closed when not in use.
Incompatible materials : Hydrofluoric Acid

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

MSHA PEL - 6 mg/M³ Total Nuisance Dust (Uncalcined Diatomaceous Earth)
ACGIH TLV - 10 mg/M³ Total Dust

8.2. Exposure controls

Hand protection : Not normally required.
Eye protection : Goggles or safety glasses with sideshields are recommended.
Respiratory protection : <10X PEL, use an N95 quarter or half mask respirator; <50X PEL, use a full face respirator equipped with N95 filters; <200X PEL, use a powered air purifying respirator (Positive pressure) with N95 filters; >200X PEL, use a full face type C supplied air respirator (continuous flow mode).
Other information : For ventilation use sufficient natural or mechanical ventilation to keep dust level below PEL.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : White to light tan color powder
Color : White to tan
Odor : Odorless
Odor threshold : No data available
pH : 7.5 - 9
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : 1300 °C
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Self ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Non flammable
Vapor pressure : No data available

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Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Negligible
Specific Gravity (water = 1)	: 2.2

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

High humidity or moisture

10.5. Incompatible materials

Hydrofluoric acid. Products containing silica may react violently with hydrofluoric acid.

10.6. Hazardous decomposition products

Hazardous polymerization cannot occur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness.

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified by NTP or IARC
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Generally considered chemically inert in the environment. Used material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

Not established

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste is not hazardous as defined by RCRA (40 CFR 261).

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

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Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Not regulated for transport by DOT

SECTION 15: Regulatory information

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION: Causes moderate eye irritation. Avoid contact with eyes. Use adequate ventilation and avoid breathing dust. Wear a suitable dusk mask approved by NIOSH/MSHA when using this product during prolonged exposure.

SECTION 16: Other information

Other information : None.

SDS US (GHS HazCom 2012) - Pesticides

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.