

Bonide Grub Beater Insect Control Ready-To-Spray

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard communication Standard,
29 CFR 1910.1200. Standard must be consulted
requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved for specific
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Bonide Grub Beater Insect Control Ready To Spray

ID # 70051-6-4

Date: September 15, 2005

Section I

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

(800) 424-9300 (Chemtrec)
(315) 736-8231

Section II - Hazardous Ingredients/Identity

Hazardous Componets (Specific Chemical Identity: Common Names(s))	OSHA	PEL	ACGIN	TLV	Other Limits	% (Optional)
Azadirachtin (CAS # 11141-17-6)	N/A	N/A		N/A		0.09%

Section III – Fire/Explosion Hazard Data

FLASH POINT: 56° degrees F

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam or Water.

FIRE FIGHTING COMMENTS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear. Keep product away from heat, sparks, or open flame.

Section IV – Health Hazard Data

POTENTIAL HEALTH EFFECTS: Primary Route(s) of Entry: Eye, Skin, Oral, Inhalation

EYES: May cause mild, reversible eye irritation. SKIN: May cause mild, reversible skin irritation. ORAL: LD50 > 5.0 g/kg. INHALATION: LC50 > 5.32 mg/l.

Section V – First Aid Measures

EYES: Flush immediately with large amounts of water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN: Wash with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Section VI - Physical and Chemical Properties

APPEARANCE: Brown to Orange liquid

PHYSICAL STATE: Liquid

MELTING POINT: < 4 degrees C

VAPOR DENSITY: Heavier than air

pH: 3.8 – 5.0

ODOR: Garlic/Peanut

BOILING POINT: 173.3 °F

VAPOR PRESSURE: N/A

SPECIFIC GRAVITY: 0.789 g/ml

% Volatile by Weight: 92

Section VII– Reactivity Data

STABILITY: Stable

INCOMPATIBLE MATERIALS: Acids, acid chlorides, oxidizing agents, reducing metals, alkali metals.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Keep away from heat, sparks, or open flame.

Section VIII - Ecological Data

This product may be hazardous to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or in areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of water.

Section IV - Special Precautions

In case of spill or leak, contain liquid with sand or other noncombustible material, then place in clean container for disposal. Wastes, including spills or rinsates, and leftover pesticide that cannot be used according to label instructions must be disposed of according to applicable federal, state, or local procedures.

NFPA HAZARD RATING: Health: 1 , Fire: 2 , Reactivity: 0 , Special: -

NOTICE: This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with respect to the information contained herein.

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	

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

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