IDENTITY (As Used on Label and List)

Bonide Annual Grub Beater

ID No. 81959-18-4

Date: November 17, 2006

Section I

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

Section II - Hazardous Ingredients/Identity

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity: Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
<th>% (Optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imidacloprid CAS #138261-41-3</td>
<td>None</td>
<td>.5%</td>
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<td>.5%</td>
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<tr>
<td>*Pyrethroid Pesticide family</td>
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Section III - Physical/Chemical Characteristics

PHYSICAL FORM: Solid  COLOR: Grayish – brown granule
ODOR: none  BULK DENSITY: .66 g/ml
pH: 6.48  SOLUBILITY IN WATER: Insoluble

Section IV - Health Hazard Information

ROUTES OF ENTRY: Inhalation, Eyes, Skin, Ingestion.
EYES: Causes eye irritation.
INHALATION: Avoid breathing dust or vapor.
SKIN: Harmful if absorbed through skin. Hazard to humans and domestic animals. Avoid Contact.
INGESTION: Harmful if swallowed. Hazard to humans and domestic animals. Avoid Contact.

MEDICAL CONDITIONS AGGRAVATED: None presently known.
CARCINOGENICITY: IARC: Not listed, NTP: Not listed, OSHA: Not listed

Section V – First Aid

EYES: Flush with plenty of water. Get medical attention if irritation occurs and persists.
SKIN: Wash thoroughly with plenty of soap and water.
INGESTION: Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. If any discomfort persists, obtain medical attention.
INHALATION: Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.
NOTES TO MEDICAL DOCTOR: No specific antidote is available. Treat patient symptomatically.

Section VI - HANDLING AND STORAGE

GENERAL PROCEDURES: Store in a cool, dry, well-ventilated place. Do not use or store near heat, open flame or hot surfaces. Store in original containers only. Keep out of reach of children and animals. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in area where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Bonide Annual Grub Beater 1
PERSONAL PROTECTIVE EQUIPMENT:
EYES AND FACE: For dust exposure, wear chemical protective goggles, face shield or safety
glasses. RESPIRATORY: Avoid breathing dust or vapor. Use only with adequate ventilation
or protective equipment. Respirator use and selection must be based on airborne concentrations.
GLOVES: Wear chemical protective gloves made of materials such as rubber or neoprene.
Thoroughly wash the outside of gloves with soap and water prior to removal. Inspect regularly
for leaks. PROTECTIVE CLOTHING: Depending upon concentrations encountered, wear
coveralls or long-sleeved uniform and head covering. For larger exposures as in the case of
spills, wear full body cover barrier suit, such as a PVC suit. Leather items - such as shoes, belts
and watchbands - that become contaminated should be removed and destroyed. Launder all work
clothing before reuse (separately from household laundry). Heavily soiled clothing should not
be reused.

WORK HYGIENIC PRACTICES: Clean water should be available for washing in case of eye
or skin contamination. Wash skin prior to eating, drinking or using tobacco. Shower at the end of
the workday.

ENGINEERING CONTROLS: Use local exhaust at all process locations where dust may be
emitted. Ventilate all transport vehicles prior to unloading.

Section VII – Fire/Explosion Data
FLASH POINT: N/A

EXTINGUISHING MEDIA: Foam, CO2 or dry chemical. Soft stream water fog only if
necessary. Contain all runoff.

FIRE / EXPLOSION HAZARDS: Can burn in fire releasing irritating and toxic gasses due to
thermal decomposition or combustion.

FIRE FIGHTING PROCEDURES: Isolate fire area. Evacuate downwind. Fight fire from
upwind a safe distance to avoid hazardous vapors and decomposition products. Cool closed
containers exposed to fire with water spray. Wear full protective clothing and self-contained
breathing apparatus. Do not breathe smoke, gases or vapors generated.

RELEASE NOTES: Isolate and post spill area. Wear protective clothing and personal
protective equipment as prescribed in Section VI - Handling & Storage. Keep unprotected
persons and animals out of the area. Prevent material from contaminating soil or from entering
sewage and drainage systems and bodies of water. Avoid dust formation and avoid breathing
dust. Use recommended protective equipment and carefully sweep up spilled material, placing it
in a covered container for reuse or disposal. Scrub the contaminated area with soap and water
followed by a water rinse. Use dry absorbent material to absorb and collect wash solution for
proper disposal. Contaminated soil may have to be removed and disposed of.

Section VIII - Reactivity Data
CONDITIONS TO AVOID: Excessive heat and fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride and hydrogen cyanide
and oxides of nitrogen and carbon.

STABILITY: Stable but may decompose if heated.

POLYMERIZATION: Will not occur INCOMPATIBILITY: None known

Section IX - Toxicological Information
DERMAL LD₅₀: >2000 mg/kg (rabbit) ORAL LD₅₀: >4,820 mg/kg (rat)

MUTAGENIC DATA: No evidence of mutagenic effects during in vivo and in vitro assays.
Not known to cause reproductive or birth defects at normal exposure levels.
Section X - Ecological Information
Unless otherwise indicated, the data presented below are for the active ingredient. This product is highly toxic to Aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters.

Section XI - Disposal Information
DISPOSAL METHOD: Do not contaminate water food or feed by disposal. Pesticid wastes are toxic. If spilled material cannot be disposed of by use according to label instructions, an acceptable method of disposal is to incinerate in accordance with local, state and national environmental laws, rules, standards and regulations. However, because acceptable methods of disposal may vary by location and regulatory requirements may change, the appropriate agencies should be contacted prior to disposal. EMPTY CONTAINER: Completely empty package into application equipment then dispose of empty package in accordance with all Federal, State and local regulations. If burned stay out of smoke.

Section XII - Transport Information
U.S. DOT Proper Shipping name: Not regulated by DOT
DOT Hazard Class or Division: N/A    DOT UN/NA Number: N/A
REPORTABLE QUANTITY (RQ): N/A    DOT Emergency Response Guide: N/A
MARINE POLLUTANT: Not listed

Section XIII - Regulatory Information
UNITED STATES - SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355): Not listed
SECTION 311 HAZARD CATEGORIES (40 CFR 370): Immediate.
SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370): N/A
SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372): None
CERCLA RQ: Not listed
STATE REGULATIONS
PROPOSITION 65 STATEMENT: Not listed.

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
STELE: SHORT TERM EXPOSURE LIMIT    D.O.T.: DEPARTMENT OF TRANSPORTATION

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