

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)

Bonide Caterpillar Killer

ID # 4469(2)

Date: September 6, 2011

Section I

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

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

Section II – Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Lambda Cyhalothrin	CAS#91465-08-6			.50%

This material is not known to contain any chemical listed as a carcinogen by OSHA, IARC or the National Toxicology Program (NIP) at a concentration greater than 0.1%.

EMERGENCY OVERVIEW:

WARNING: May be harmful if swallowed. Causes moderate eye irritation. Avoid breathing mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing/laundry separately.

Section III – First Aid

SKIN: Wash thoroughly with soap and water- flush with large quantities of water for at least 15 minutes.

EYE: Immediately flush with large quantities of water for at least 15 minutes.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen and call a physician.

ORAL: If swallowed, call a physician.

Section IV - Fire & Explosion Hazards

FLASH POINT > 200° F

FLAMMABLE LIMITS: N/D

EXTINGUISHING MEDIA: Dry chemical or waterspray or waterfog or CO2 or Foam or Sand/Earth

SPECIAL FIREFIGHTING PROCEDURES: N/D UNUSUAL FIRE & EXPLOSION HAZARDS: N/D

Section V Accidental Release Measures

SPILL OR LEAK: Isolate and post spill area. Keep material out of streams and sewers. In case of a large spill or leak, contain liquid with kitty litter or other noncombustible, absorbent material, and then place in clean container for disposal. Dike run off if possible. 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.

Section VI - Precautions for Safe Handling/Use

HANDLING AND STORAGE: Store in a cool, dry place and avoid excess heat. Store in original containers only. Keep out of the reach of children. Always practice good hygiene when handling this or any chemical. Wash thoroughly with soap and water any exposed areas. Store away from children, domestic animals, food, feed products and water sources. Do not contaminate other stored products or the storage area by handling or storage of this product. Immediately clean up any spills, which occur during handling and storage. Wash hands and other exposed skin surfaces prior to smoking or consuming food or beverages.

Do not contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Read and follow precautionary measures on product label.

SPECIAL PRECAUTIONS: Store between 60°F and 120°F. Avoid freezing.

Section VII – Personal Protective Equipment

EYE PROTECTION: Chemical safety glasses or goggles.

SKIN PROTECTION: Rubber or neoprene, solvent resistant gloves. Long sleeved shirt, long pants, socks and shoes. Neoprene protective type apron.

RESPIRATORY PROTECTION (Specify type): Not normally required. If vapors may exceed acceptable levels, wear MSHA/NIOSH-approved respirator or mask to protect against pesticide dusts, mists and vapors.

VENTILATION PROCEDURE: Local, mechanical, special.

AVOID SKIN CONTACT – Wash Thoroughly After Handling. Wash all contaminated clothing separately.

Section VIII - Physical Data

VAPOR PRESSURE: No data available
SPECIFIC GRAVITY: @ 20°C about 1.0
WATER SOLUBILITY: Dispersible
PERCENT VOLATILE: 89 1
APPEARANCE: Colorless to light yellow Liquid

VAPOR DENSITY: N/D
EVAPORATION RATE: N/D
ODOR: Slightly aromatic
pH: 6.75 to 7.25

Section XI- Stability

STABILITY: Product is stable under normal conditions.
INCOMPATIBILITY: Avoid contact with strong acids and strong bases. POLYMERIZATION: Not applicable.
THERMAL DECOMPOSITION: Protect from open flame and heat sources. May decomposes upon heating.

Section X – Toxicology Information

ORAL TOXICITY: Slight throat irritation and respiratory discomfort.
EYE IRRITATION: Slight irritation. SKIN IRRITATION: Mild to moderate irritation.
CHRONIC EFFECTS OF OVEREXPOSURE: No data available.
ACUTE TOXICOLOGICAL PROPERTIES: Mild to moderate irritation.

Section XI - Ecological Information

Product is toxic to bees. Product is highly toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. To protect the environment do not allow pesticide to enter or run off into storm drains, drainage ditches, or surface waters.

Section XII - Disposal Information

Do not contaminate other pesticides, fertilizers, water, food or feed by improper storage or disposal.
WASTE DISPOSAL: Because acceptable methods of disposal may vary by location and because regulatory requirements may change, the appropriate regulatory agencies should be contacted prior to disposal.

Section XIII - Transportation And Labeling

DOT PROPER SHIPPING NAME: Non Bulk: Not Regulated
Bulk: UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (.5% Lambda Cyhalothrin) 9, PG III

Section XIV- Other Regulatory Information

TSCA (Toxic Substances Control Act) Regulations, 40CFR 710. This product is a pesticide and is exempt from TSCA regulation. SECTION 313 (Title III Superfund Amendment and Reauthorization Act) .

This product does not contain any chemical subject to the reporting requirements of section 313 of title iii of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372

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.