

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 Ant, Roach & Spider Killer (Aerosol)

ID # 4461(2)

Date: September 2, 2011

Section I

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

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
S-Bioallethrin (CAS# 28434-00-6)	N/E	N/E		0.05
Deltamethrin (CAS# 52918-63-5)	N/E	N/E		0.02
Balance Inert Ingredients				

EMERGENCY OVERVIEW: Warning: Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. This product is toxic to fish and aquatic invertebrates. Flammable. Contents under pressure.

Section III - First Aid Measures

EYES: Flush with plenty of water for 15 minutes. Call a physician if irritation persists.

SKIN: Wash thoroughly with soap and water for 15 to 20 minutes. Remove contaminate clothing and launder separately before reuse. Contact physician if irritation persists.

INGESTION: Call 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 a doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration. Preferably mouth to mouth; if possible. Call a poison control center or doctor for further treatment advice.

HINTS FOR PHYSICIAN: this product is a synthetic Pryethroid pesticide. If ingested and vomiting has not occurred, emesis should be induced with supervision. Keep patient's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

Do not administer milk, cream or other substances containing vegetable or animal fats. These only enhance absorption of lipophilic substances.

If localized paresthesia develops, the site should be thoroughly washed soap and water. Cold cream can be applied to help diminish the effect.

Section IV - Fire and Explosion Data

FLAMMABLE PROPERTIES: FLASH POINT: 168°F METHOD: TTC

FIRE AND EXPLOSION HAZARDS: Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

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

FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear. Cool containers from as far a distance as possible. Avoid breathing vapor.

HAZARDOUS COMBUSTION PRODUCTS: May form toxic materials. Carbon dioxide and carbon monoxide, various hydrocarbons, etc.

Section V - Accidental Release Measures

GENERAL: Remove all sources of ignition. Ventilate area. Stop the source of the spill if safe to do so. Contain the spill to prevent further contamination of the soil, surface water or ground water.

CLEAN UP: Rinse area with small amount of soapy water. Soak up with an absorbent material such as sand, sawdust, clay, fuller's earth etc. and dispose of in trash. Do not allow water to contaminate water supplies or sewers.

Section VI - Handling and Storage

HANDLING PRECAUTIONS: Avoid breathing vapors or spray mist. Avoid contamination of feed and foodstuff. Avoid contact with eyes or clothing. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Do not use this product in or on electrical equipment due to possibility of shock hazard. Wash thoroughly with soap and water after handling.

STORAGE PRECAUTIONS: Do not store near heat or open flame. Store in a cool, dry area away from children. Do not store near feed or foodstuff. Do not transport or store below 32°F. Do not store near heat or open flame. Exposure to temperatures above 130°F may cause bursting.

PRIMARY ROUTE (S) OF ENTRY: Skin contact.

EYES: Causes moderate eye irritation.

SKIN: Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Section VII - Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Use in a well-ventilated area. Avoid breathing mist, use upwind.

EYE/FACE PROTECTION: Safety glasses

SKIN PROTECTION: Chemical-resistant gloves. Long sleeves, long pants, full footwear.

Section VIII - Physical/Chemical Ingredients

APPEARANCE: Off White Liquid Aerosol

FLASH POINT: 168°F

ODOR: Soapy detergent, faint oily like

PH: 5.6 (premix)

DENSITY: 8.10 lbs/gal

PHYSICAL STATE: Liquid

STABILITY: Stable

SOLUBILITY (H₂O): Emulsifiable

Section IX – Stability & Reactivity Data

STABILITY: Stable..

INCOMPATIBILITY: Strong oxidizing agents and acids

POLYMERIZATION: Will not occur

Section X - Toxicological Information

S-bioallethrin: No known chronic effects based on available data.

Deltamethrin: General neurological symptoms were exhibited in studies with rats, mice and dogs. These symptoms included unsteadiness, abnormal gait, tremors and liquid feces. No histopathologic findings were observed except some signs of slight hepatotoxicity in mice. No Observed Effects Levels (NOEL's) were 1 mg/kg/day in the 2-year rat and dog studies. The NOEL for the 2-year mouse study was approximately 12mg/kg/day/ Deltametherin were not carcinogenic in rats or mice.

Section XI - Ecological Information

OTHER ENVIRONMENTAL INFORMATION:

This product is toxic to fish and aquatic invertebrates. No not apply directly to water.

Section XII - Disposal Consideration

Replace cap. Wrap container in several layers of newspaper and discard in trash. Do not incinerate or puncture. Can be disposed of with other recyclables where local law permits.

Section XIII - Transport Information

D.O.T. PROPER SHIPPING NAME: Consumer Commodity

RQ: NA

D.O.T. HAZARD CLASS: ORM-D

DOT IDENTIFICATION NUMBER: NA

EXEMPTION REQUIREMENT: 49 CFR 173.306

DOT SHIPPING LABEL: Nonflammable gas

Section XIV - Regulatory Information

REGULATED INGREDIENTS:

INGREDIENT: Deltamethrin

CAS NUMBER: 52918-63-5

PERCENT BY WEIGHT: = 0.1 REGULATIONS: European Inventory of existing Commercial Substances

INGREDIENT: Isobutane

CAS NUMBER: 52645-53-1

PERCENT BY WEIGHT: = 0.02

REGULATIONS: Massachusetts Hazardous Substance

New Jersey Workplace Hazardous Substance

Pennsylvania Workplace Hazardous Substance

INGREDIENT: Propane CAS NUMBER: 74-98-6
 PERCENT BY WEIGHT: = <20
 REGULATIONS: Illinois Toxic Substance
 State right to know: NJ, MA, PA

INGREDIENT: Aliphatic Petroleum Distillates/Aliphatic hydrocarbon CAS NUMBER: 64742-47-8
 PERCENT BY WEIGHT: 0<10
 REGULATIONS: Canadian DSL; EINECS

INGREDIENT: Hydrotreated Middle Distillate CAS NUMBER: 64742-46-7
 PERCENT BY WEIGHT: 0<10
 REGULATIONS: Canadian DSL; EINECS
 State Right to know: NJ, PA

INGREDIENT: Paraffinic Hydrocarbos CAS NUMBER: 629-59-4, 90622-46-1, 64771-72-8 or 64742-47-8
 PERCENT BY WEIGHT: 0<10
 REGULATIONS: US TSCA Inventory Status
 Canadian DSL; EINECS Australian (AICS), Japan (MITI)

INGREDIENT: Acetyltributyl Citrate CAS NUMBER: 77-90-7
 PERCENT BY WEIGHT: 0<10
 REGULATIONS: US TSCA Inventory Status
 Canadian DSL; EINECS (201-067-0)
 Australian (AICS), Japan (2-1327X)
 Korean (KE-00158); Philippine (PICCS); Switzerland

INGREDIENT: Epoxidized Linseed Oil CAS NUMBER: 8016-11-3
 PERCENT BY WEIGHT: 0<10
 REGULATIONS: US TSCA Inventory Status
 Canadian DSL; EINECS; Australian (AICS)

INGREDIENT: Nonionic Surfactants CAS NUMBER: mixture
 PERCENT BY WEIGHT: 0<10
 REGULATIONS: US TSCA Inventory Status
 Canadian DSL; EINECS; Australian (AICS)

INGREDIENT: Polyoxyethylene (20) Sorbitan Monopalmitate CAS NUMBER: 9005-66-7
 PERCENT BY WEIGHT: 0<10
 REGULATIONS: US TSCA Inventory Status
 Canadian DSL; California Proposition 65- this product contains a chemical know to State of California to cause cancer and birth defects or other reproductive harm.

Section XV - Other Information

HMIS HAZARD RATING:	NFPA HAZARD RATING:
HEALTH: 1 Slight	HEALTH: 1 Slight
FIRE: 2 Moderate	FIRE: 2 Moderate
PROTECTION: B	PROTECTION: B

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

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