IDENTITY (As Used on Label and List)

**Bonide Ant, Roach & Spider Killer (Aerosol)**

**ID # 4461(2)**

**Date:** September 2, 2011

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**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>S-Bioallethrin (CAS# 28434-00-6)</td>
<td>N/E</td>
<td>N/E</td>
<td>0.05</td>
<td></td>
</tr>
<tr>
<td>Deltamethrin (CAS# 52918-63-5)</td>
<td>N/E</td>
<td>N/E</td>
<td>0.02</td>
<td></td>
</tr>
<tr>
<td>Balance Inert Ingredients</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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 contaminated clothing and launder separately before reuse. Contact physician if irritation persists.
INGESTION: Call poison control center or doctor immediately for treatment advice. 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 Pyrethroid 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
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 Hydrocarbons  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  Australian (AICS), Japan (MITI)

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) Sorbitian 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

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