



Premier Tech Home & Garden
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P.C.P. Act / CFIA Registration No.: 23185 **Safety Data Sheet** **Product Code:** 7380490

Section I – Product and company identification

Product's Name

BioMist Garden Insect Killer RTU

Product Use: Insecticide

Manufacturer's Name

Premier Tech Home & Garden Inc

Emergency Telephone Number:

1-800-268-2806, option 1

Address

1900 Minnesota Court, Unit 125

Telephone Number for information:

1-800-268-2806

Mississauga, ON, L5N 3C9

Prepared by:

Technical Department

Section II – Hazard Identification

| Route(s) of Entry: | Inhalation possible | Skin possible | Ingestion possible | Eyes possible |
|--------------------|---------------------|---------------|--------------------|---------------|
|--------------------|---------------------|---------------|--------------------|---------------|

Eye: May cause minor irritation

Skin: May cause minor irritation

Ingestion: May cause nausea, vomiting, diarrhea

Inhalation: Repeated or prolonged inhalation of mist may lead to respiratory irritation.

Section III – Composition, Information and Ingredients

| Ingredients | CAS # | Wt. % |
|--------------------|-----------|-------|
| Pyrethrin | 8003-34-7 | 0.02 |
| Piperonyl Butoxide | 51-03-6 | 0.20 |

Section IV – Emergency and First Aid Measures

Inhalation: Move victim to fresh air and restore breathing if required. Obtain medical advice if symptoms persist.

Eye contact: May cause eye irritation. Check for and remove any contact lenses. Flush eyes with running water for at least 15 minutes, keeping eyelids open. Obtain medical attention if irritation persists.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Do not induce vomiting unless directed by a physician. Call a physician.

Skin contact Wash with soap and Water. Seek medical attention if condition persists.

Section V – Fire Fighting Measures

Flammability: No

Flash Point (Method Used): NA

Flammable Limits: Not applicable

LEL: NA

UEL: NA

Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water Fog

Hazardous Combustion Products: NA

Special Fire-Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and contain the run-off.

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Section VI – Accidental Release Measures

Protect People: Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

Leak or Spill Procedure: Keep from entering waterways. Absorb liquid spills with a dry absorbent. Containerize unusable material for disposal.

Section VII – Handling and Storage

Handling: Avoid breathing vapours. Avoid contact with skin and eyes. Wear protective equipment. Wash thoroughly after handling.

Storage: Store in cool, dry, ventilated area. Keep out of reach of children and pets.

Storage Temperature: Min: 5 °C Max: 40 °C

Section VIII – Exposure Control and Personal Protection

Respiratory Protection: NIOSH approved for mist, if required

Ventilation: Not required, have adequate ventilation.

Protective Gloves: Chemical resistant gloves.

Eye Protection: None normally required

Protective Clothing or Equipment: Wear protective clothing (including chemical-resistant safety shoes) to minimize skin contact. Wash contaminated clothing with detergent and warm water prior to reuse.

Section IX – Physical and Chemical Properties

| | | | |
|-------------------------------|-------------------|--|-------|
| Physical State: | Liquid | pH | 7-8 |
| Boiling Point | NA | Specific Gravity (H₂O = 1) | 0.985 |
| Vapor Pressure (mm Hg) | ND | Freezing Point | 0°C |
| Solubility in Water | Soluble | Density | ND |
| Appearance and Odor | clear, colourless | | |

Section X – Stability and Reactivity

Stability: Stable

Conditions to Avoid: Elevated temperatures

Incompatibility (*Materials to Avoid*): acid or alkaline conditions may cause product to decompose

Hazardous Decomposition or by Products: carbon monoxide and carbon dioxide

Hazardous Polymerization: NA

Section XI – Toxicological Information

| Ingredients | LC50 | LD50 (mg/Kg) | T.W.A. - T.L.V. |
|-------------------------------------|---------------|---|-----------------|
| Pyrethrin | Not Available | Oral, male rat 200 Dermal, combined rat 2000 | 5 mg/m3 |
| Piperonyl Butoxide | Not Available | Oral, male rat 2010 | - |
| | | | - |
| Calculated LD 50 for mixture | | 526,000 | |

Routes of Entry:**INHALATION:** May cause minor irritation**INGESTION:** Excessive ingestion must occur before any health hazard results. Effects of overexposure may include nausea, vomiting, diarrhea, weakness or convulsions.**SKIN CONTACT:** May cause minor irritation**SKIN ABSORPTION:** May be absorbed through the skin.**EYE CONTACT:** May cause minor irritation.**Irritancy of Product: Skin – rash; eyes – irritation; respiratory – coughing.****Sensitization to Product:** Not a sensitizer**Mutagenicity:** Not Known**Carcinogenicity:** None listed in OSHA, NTP, IARC or ACGIH.**Synergistic Products:** Not Known**Teratogenicity:** Not Known**Reproductive Effects:** Not Known, Permethrin did not cause reproductive toxicity in a two-generation study in rats.

Section XII – Ecological Information

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. Apply this product as specified on the label.**Biodegradability:** not rapidly biodegradable**Mobility in Soil:** immobile in soil

Section XIII – Disposal Information

Disposal: Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.**Hazardous Waste Classification:** Not applicable

Section XIV – Transport Information

TDG Classification: Not regulated

Section XV – Regulatory Information

WHMIS: Not applicable

Other Regulations:

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): The components of this product are not on the Domestic Substances List**Environmental****CERCLA:** None.**Clean Water Section 307 Priority Pollutants:** None.**Safe Drinking Water Act Maximum Contaminant Levels:** Permethrin 52645-53-1

Section XVI – Other Information

Original Issued Date: September 1, 2015**Revision Date:**

Additional Information: The information above is accurate and reliable to the best of our knowledge as the date hereof. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy and reliability or completeness. No warranty of any kind is given or implied and PREMIER TECH HOME & GARDEN will not be liable for any damages, losses, injuries or consequential damages which may result from the uses or reliance on any information contained. The users must do their own research for the pertinence of the information for specific use. For more information: www.premiertechhomeandgarden.com.
