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MATERIAL SAFETY DATA SHEET

PRODUCT: Bio-Mist® Insect Killer

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 23300

Code: 7 38047 0

Chemical Name: Pyrethrins:

Piperonyl Butoxide: 3,4-Methylenedioxy-6-propylbenzyl n-butyl diethyleneglycol ether

Synonyms: Pyrethrins: Pyrethrum

Chemical Family: Pyrethrins: Pyrethroid insecticide

Product Use: Domestic Insecticide

TDG Classification: Not regulated

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Pyrethrins	4.46	8003-347	Oral, rat 200 Dermal, rat 1800	5 mg/m3
Piperonyl Butoxide	8.93	51-03-6	Oral, rat 2010	-
Petroleum Solvent	70 - 85	64742-92-5	>10 mL/Kg	50 ppm
Calculated LD 50 for mixture			3740	

SECTION 3 - PHYSICAL DATA

Physical State: Liquid

Specific Gravity: 0.901

Boiling Point: No Data

Vapour Pressure: No Data

% Volatiles: No Data

Solubility in Water: Emulsifies

Appearance\Odour: Pale yellow liquid,

Hydrocarbon odour

pH: No Data

Freezing/Melting Point: No Data

Vapour Density: No Data

Evaporation Rate: No Data

SECTION 4 - FIRE AND EXPLOSION

Flash Point: 57 °C T.C.C.

Lower Explosion Limit %: 1.0

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

Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and dike the area for runoff.

Other Fire or Explosion Hazards: Container may explode under intense heat.

Autoignition Temperature: 510

°C Upper Explosion Limit %: 7.0

SECTION 5 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Prolonged exposure to elevated temperatures.

Incompatibility (Materials to Avoid): Acidic or alkaline conditions may cause product to decompose.

Hazardous Decomposition Products: Carbon Monoxide and Carbon Dioxide

Hazardous Polymerization: Will Not Occur

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: May cause temporary irritation to the eyes, nose, throat and respiratory tract. Prolonged exposure to vapours can cause headache, dizziness, nausea and nervous system depression.

Effects of Chronic Exposure: Prolonged exposure may cause defatting and drying of the skin, possibly progressing to dermatitis.

Other Health Effects: None Known

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air and restore breathing if required. OBTAIN MEDICAL ADVICE.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek Medical Attention.

Ingestion: Give 1 to 2 glasses of water (200 to 500 ml) to dilute material. Do not induce vomiting. OBTAIN MEDICAL ADVICE. If vomiting occurs, have victim lean forward with head down to avoid breathing of vomitus.

Eye Contact: Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: None Required

Eye Protection: Safety Goggles optional

Skin Protection: Chemical resistant gloves

Other Personal Protective Equipment: None Required

Engineering Controls: None Required

Handling Procedures and Equipment: Avoid breathing vapours, contact with eyes, skin and clothing. Wash thoroughly after use.

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

Storage Temperature: Min: 0 °C Max: 35 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Eliminate all ignition sources. Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste containers for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

Waste Disposal: Dispose of empty container with household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: This product is toxic to fish and wildlife. Do not contaminate local water supplies or environments.

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Prepared by: Technical Department

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