**MATERIAL SAFETY DATA SHEET**

**HANDLING AND STORAGE**

**Health**

**Sensitivities**

**Reactivity**

**Product(s)**

ITEM#: 3576051051 36 fl. oz.

ITEM#: 3576059972 22 fl. oz.

**EPA REG. Number:** 2724-491-2596

**SECTION 1 - MANUFACTURER**

Manufacturer's Name: Hartz Mountain Corporation

Manufacturer's Address: 400 Plaza Drive, Steeles, NJ

Plant Location: Bloomfield, NJ

Emergency Telephone No.: (800) 222-1212

Other Information Calls: (800) 376-1414

Date Prepared: 7/4/96

Supersedes: 3/93

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

General Chemical Description: Aqueous solution containing insecticides.

**Principal Hazardous Component(s): Specific Chemical Identity, Common Name (%)**

- Permethrin (CAS# 52645-53-1) 0.28%
- S. Methoprene (CAS# 6573316-6) 0.01%
SECTION 2. PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: N/A
Specific Gravity (d20/4°C): 1.0500
Vapor Pressure: Not Established
Vapor Density (Air = 1): N/A
Solubility in Water: Slightly soluble in water
Melting Point: N/A
Appearance and Odor: Gaseous to translucent liquid.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 131°F ASTM D-92 T95 Closed Cup
Flammable Limits in Air: % by Volume: Lower: Upper:  
Flammable limits have not been determined
Extinguishing Media: Water, CO2, dry chemical or foam
Special Fire Fighting Procedures: Firefighters should wear protective clothing, eye protection and self-contained breathing apparatus. Do not allow run-off to enter waterways inhabited by aquatic organisms.
Unusual Fire and Explosion Hazards: Hazardous decomposition products.

SECTION 5 - HEALTH HAZARD DATA

Signs and Symptoms of Exposure:
Acute Oral LD50 (rat): >5,100 mg/kg
Acute Dermal LD50 (rabbit): >2,100 mg/kg
Dermal Irritation (rabbit): Non-irritating
Eye Irritation (rabbit): Mild to moderate
Dermal Sensitization: Negative

ACUTE: Symptoms of exposure to systemic pyrethroids are hypersensitivity, tremors, diarreha. Intoxication to symptomatic include dizziness, headache, nausea, vomiting, eye irritation, GI tract irritation, cardiac arrhythmia. Give symptomatic and supportive care.

CHRONIC: Chronic symptoms not known for this product.

Cardiotoxic Status (MTM, IARC, ACGIH): None listed

Emergency and First Aid Procedures:
1. Inhalation: Remove to fresh air. Call a physician or poison control center if irritation or symptoms occur.
2. Eyes: Wash with running water for 15 minutes. If irritation persists, seek medical assistance.
3. Skin: Wash thoroughly with soap and water.
4. Ingestion: Do not induce vomiting. Call a physician or poison control center if irritation or symptoms occur.

SECTION 6 - REACTIVITY DATA

Stability: Unstable
Compatibility (Materials to Avoid): Strong acids and alkalies, strong oxidizers
Hazards from Decomposition: Nitrogen oxides, halogenated gases
Hazards of Polymerization: May occur: Will not occur: X
SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in handling and storage: Protect from freezing or high temperatures. Do not contaminate water, food or feed by storage.

Steps to be taken in Case Material is Released/Spilled: Do not allow spill to enter waterways inhabited by aquatic organisms. Scoop up with absorbent material. Place in container for disposal.

Waste Disposal Methods Consult federal, state, & local regulations: Refer to instructions. Empty containers may be wrapped in paper and placed in trash. Unused product must be disposed of at an EPA approved waste management facility.

Other Precautions: Avoid skin and eye contact. Wash hands after handling.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): None for ordinary use. Avoid inhalation of vapors or mist. If prolonged or excessive exposure is expected, wear a MSHA/NIOSH approved organic vapor/positive pressure respirator.

Ventilation: Yes
Local Exhaust: N/A
Mechanical (General): N/A
Special: N/A
Other: N/A

Protective Gloves: None for ordinary use. Avoid contact with skin. If exposure is expected, wear impervious gloves.

Eye Protection: Avoid contact with eyes. If exposure is expected, wear goggles or safety glasses with side shields.

Other Protective Clothing or Equipment: Wear appropriate clothing to prevent skin contact.
SECTION 3 - MATERIAL SHIPPING INFORMATION

DEPARTMENT OF TRANSPORTATION REGULATIONS (AIR AND TRUCK):

Article Name: N/A
Hazard Class: N/A
Packaging: N/A

Max Net Qty: Passenger: Cargo Only: Per pkg by Air: N/A N/A
Bill of Lading: Insecticides, other than poison.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

Article Name: Flammable Liquids, N.O.S. (aromatic hydrocarbon solvent)
Hazard Class: Class 3, Flammable Liquid
Packaging: UN 4G Combination Package

Max Net Qty: Passenger: 40 liters Cargo Only: 220 liters
Per Pkg by Air: Pkg Inst. 369 Pkg Inst. 336
Bill of Lading: Insecticides, other than poison.
Description: Class 3, UN 1993, PG III

INTERNATIONAL MARITIME ORGANIZATION (IMO) (VIA OCEAN)

Article Name: Flammable Liquids, N.O.S. (aromatic hydrocarbon solvent)
Hazard Class: Class 3.3
Packaging: UN 4G Combination Package

Bill of Lading: Flammable Liquids, N.O.S. (aromatic hydrocarbon solvent)
Description: Class 3.3, UN 1993, PG III

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