

MSDS - Material Safety Data Sheet**Product Name: Hartz® Advanced Care™ 3IN1 Home Fogger**

MSDS No.: 2724-454

- 09/27/04

I. Basic Information:

Manufacturer: The Hartz Mountain Corporation

Address: 400 Plaza Drive

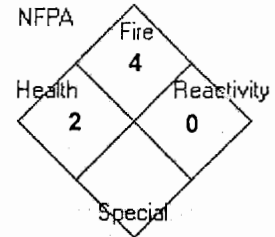
City, ST Zip: Secaucus, NJ 07094

Emergency Telephone Number: 1-800-222-1212

Information Telephone Number: 1-800-275-1414

Last Update: 09/27/04

Expiration Date:

Chemical State: Liquid Gas SolidChemical Type: Pure Mixture**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
65733-16-6	[Isopropyl(2E, 4E, 7S)-11 methoxy-3,7,11-trimethyl-2,4-dodecadienoate	0.09									
67641	Acetone	21.50									
115106	Methane, oxybis-	43.50									
None	Other ingredients determined not to be hazardous.										
52645531	Permethrin	0.633					X				

III. Hazardous Classification:

Hazard Category:

 Warning Caution Danger Danger/Poison N/A

PRECAUTIONARY STATEMENT: Caution: Keep out of the reach of children. Harmful if inhaled, swallowed or absorbed through the skin. Avoid breathing vapors or spray mist. May cause eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after using. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists. Avoid contamination of food, foodstuffs and food preparation areas. Leave room or house at once after activating fogger.

Hazard Information:

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

PRIMARY ROUTE OF ENTRY:

Dermal/Eye: No

Oral: No

Inhalation: Yes

ACUTE TOXICITY:

Oral: LD50 (rat): >34,000 mg/kg (highest dose tested) (Based on (S)-Methoprene)

Dermal: LD50 (rabbit): >2000 mg/kg (highest dose tested) (Based on (S)-Methoprene)

Inhalation: LC50 (rat): > 2 mg/kg (highest dose tested)

OTHER TOXICOLOGICAL INFORMATION:

Skin Irritation: Non-irritant

Eye Irritation: Mild irritant

Sensitizer: Sensitizer

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IV. First Aid Measures:

Route(s) of Entry:

Inhalation: Yes, Skin: Yes, Eyes: Yes, Ingestion: Yes

Health Hazards (Acute and Chronic):

None Known

Signs and Symptoms:

None Known

Medical Conditions Generally Aggravated by Exposure:

None Known

Emergency and First Aid Procedures:

Eye: Flush eyes with plenty of water. Obtain medical attention if irritation persists.

Skin: Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if irritation persists.

Ingestion: Call a physician or Poison Control Center immediately. Do not induce vomiting.

Inhalation: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Call a physician if effects occur.

Other Health Warnings:

Note to physician: May present an aspiration hazard.

V. Fire Fighting Measures:

Flash Point: 17°F Concentrate

Lower Explosive Limit: 3.4

Upper Explosive Limit: 18.0

F.P. Method:

Fire Extinguishing Media: Water, spray, foam, dry chemical, CO2.

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Special Fire Fighting Procedures:

Firefighters should wear full protective clothing including self-contained breathing apparatus.
Use water to keep exposed containers cool. Do not allow run-off to enter waterways or sewers. Contents under pressure.

Unusual Fire and Explosion:

Extremely flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130F may cause bursting.

VI. Accidental Release Measures:**Steps to be taken in Case Material is Released or Spilled:**

Absorb spills with an inert material. Place in container for disposal. Do not allow spill to enter waterways or sewers.
Absorbents: Clay granules, sawdust, dirt or equivalent.
Incompatibles: Strong oxidizers.

VII. Handling and Storage:**Precautions to be taken:**

Wash hands before eating or handling food. Avoid contact with skin, eyes or clothing.
Newspaper should be spread on the floor for several feet around area of release.
Store in a cool, dry, area away from heat or open flame.

VIII. Exposure Controls/Personal Protection:**Ventilation Requirements:**

Exposure Limits: Acetone: 750 ppm (ACGIH and OSHA TWA)
General ventilation should be sufficient. Users should leave building when fogger is activated.

Personal Protective Equipment:

If extensive exposure is expected, wear a MSHA/NIOSH approved organic vapor/pesticide respirator, impervious gloves, goggles and other appropriate clothing to avoid skin contact.

IX. Physical and Chemical Properties:

Boiling Point: N/A

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): N/A

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H₂O = 1): 0.80000

Vapor Density (AIR = 1): N/A

Solubility in Water: Appreciable

Appearance and Odor: Colorless to very light straw color. Mild ethereal odor.

Other Information: Specific Gravity: 0.80 (with propellant)

Bulk Density: 7.87 lbs./gal. (Propellant-free concentrate)

Solubility: Appreciable

Evaporation Rate: N/A

pH: 8.2

X. Stability and Reactivity:**Stability:**

Stable

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Incompatibility (Materials to Avoid):

String oxidizers

Decomposition/By Products:

None except oxides of carbon from incomplete combustion.

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:**CHRONIC TOXICITY [Specific to Active Ingredient(s)]: (S)-**

Methoprene is not considered an oncogenic compound.

[Based on (RS)-Methoprene Technical]

Permethrin showed no evidence of oncogenicity. A NOEL of 100 mg/kg was based on decreased body weight gain in the rat oncogenicity study.

DEVELOPMENTAL/REPRODUCTIVE TOXICITY [Specific to Active**Ingredient(s)]:** Methoprene is not a teratogenic compound.

[Based on (RS)-Methoprene Technical.]

Permethrin showed no evidence of developmental or reproductive effects. The NOEL was determined to be 180 mg/kg in the rat study.

MUTAGENICITY [Specific to Active Ingredient(s)]: (S)-

Methoprene is not a mutagenic compound. [Based on (RS)-

Methoprene Technical]

XII. Ecological Information:**ENVIRONMENTAL FATE [Active Ingredients Only](Based on RS-****Methoprene):**

Hydrolysis: T 1/2 > 4 weeks

Photolysis: T 1/2 < 10 hours

Soil Half Life: ~ 10 days

Water Solubility: < 2 ppm

ECOTOXICITY [Active Ingredients Only](Based on RS-**Methoprene):**

Acute Toxicity:

LC50 (trout): 760 ppb, (Bluegill): > 370 ppb

aquatic invertebrates: LC50 (Daphnia): 360 ppb

XIII. Disposal Considerations:Replaced cap, wrap container in several layers of newspaper and discard in trash.
do not puncture or incinerate.**XIV. Transport Information:**DOT49CFR Description: Commodity ORM-D
Freight Classification: Insecticides, Animal NOI o/t Poison
NMFC I_102120 class 60**XV. Regulatory Information:**

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CERCLA (Superfund): Acetone: Reportable Quantity= 5000 lbs. (2958 lbs. of product).

RCRA: Regulated due to ignitability.

SARA 311/312 HAZARD CATEGORIES

Immediate Health: Yes (irritation, sensitization)

Delayed Health: No

Fire: Yes

Sudden Pressure: Yes

XVI. Other Information:

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or their persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or their persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.