

Safety Data Sheet

Aerothor Wasp & Hornet Killer

Emergency Phone 1-800-535-5053 (Infotrac)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Aerothor Wasp & Hornet Killer
Chemical Name: Phenothrin, Tetramethrin
Recommended use of the chemical and restrictions on use: Insecticide

Company: Ensystem II, Inc.
Address: 2175 Village Dr., Fayetteville, NC 28304
Daytime Phone: 1-888-398-3772

2. HAZARDS IDENTIFICATION

Route of Entry: Eyes; Inhalation; Skin.
Inhalation: Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.
Skin Contact: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, burns and other skin damage.
Eye Contact: May cause mild eye irritation. Symptoms include stinging, tearing, and redness.
Ingestion: Ingestion is not an applicable route of entry for intended use. POTENTIAL HEALTH EFFECTS

GHS Signal Word
Danger
Label Elements
Hazard pictograms



GHS Classifications:
Physical, Flammable Aerosols, 2
Physical, Gases Under Pressure, Compressed Gas
Health, Acute toxicity, 3 Inhalation
Health, Acute toxicity, 3 Oral
Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Phrases:
H331 - Toxic if inhaled
H301 - Toxic if swallowed
H315 - Causes skin irritation
H320 - Causes eye irritation
H280 - Contains gas under pressure; may explode if heated
H223 - Flammable aerosol

GHS Precautionary Statements:
P102 - Keep out of reach of children.
P103 - Read label before use.
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 - Use only outdoors or in a well-ventilated area. P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P281 - Use personal protective equipment as required.
P285 - In case of inadequate ventilation wear respiratory protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+350 - IF ON SKIN: Gently wash with soap and water.
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P309+311 - IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS #	PERCENT BY WEIGHT
Distillates, petroleum , hydrotreated light	64742-47-8	85-95
Phenothrin	26002-80-2	1-5
Tetramethrin	7696-12-0	1-5
Carbon dioxide	124-38-9	1.5

4. FIRST-AID

Inhalation: Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
Skin Contact: Take off contaminated clothing. Wash with soap and water. If skin irritation persists, call a physician immediately.
Remove contaminated clothing and wash before reuse.
Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion: Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flammability: **Flammable**
Flash Point: **>105 C (221F)**
Flash Point Method: **Concentrate**
LEL: **0.5%**
UEL: **4.8%**

Means of Extinguishment:
Suitable Extinguishing Media: Powder, foam, carbon dioxide.
Unsuitable Extinguishing Media: Not available.
Products of Combustion: May include, and are not limited to: oxides of carbon.
Explosion Data:
Sensitivity to Mechanical Impact: Not available.
Sensitivity to Static Discharge: Not available.
Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
Eliminate sources of ignition. Ruptured cylinders may rocket.
Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere. Dilute with alkaline base solution to neutralize.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container. Vapors can cause a flash fire.

STORAGE REQUIREMENTS: Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Maintain adequate ventilation
Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves
Eye Protection: Wear eye/face protection if label directions requires it.
Hand Protection: Wear suitable gloves.
Skin and Body Protection: Wear suitable protective clothing if label directions requires it.
Respiratory Protection: Use in accordance with product label.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

INGREDIENTS	EXPOSURE LIMITS	ACGIH-TLV
Distillates, petroleum, hydrotreated light	OSHA-PEL 5 mg/m ³	200 mg/m ³
Tetramethrin	15 mg/m ³	10 mg/m ³
Phenothrin	NE	NE
Carbon dioxide	5000 ppm	5000 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Physical State:	Mixture packaged in pressurized aerosol spray can.
Odor:	Solvent odor.
Solubility:	Insoluble
Spec Grav./Density:	0.80-8.83 g/mL
Percent Volatile:	<2.0%
Heat Value:	39.1 Kj/g
Viscosity:	NA
Boiling Point:	Not established
Vapor Pressure:	No Data
pH:	NA
VOC:	0
Evap. Rate:	<1.00
Pressure:	No Data
Flammability:	Extremely flammable
Flash Point:	>105 C (221 F)

10. STABILITY AND REACTIVITY

STABILITY:	Product is stable under normal conditions.
CONDITIONS TO AVOID:	Heat, sparks, open flames and temperatures above 120°F Oxidation promoting conditions (Heat, Sunlight and air)
MATERIALS TO AVOID:	Strong oxidizing agents and acids.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxide and carbon monoxide
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

No product toxicological information is available.

12. ECOLOGICAL INFORMATION

No product ecological information is available.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, weather special waste regulations apply.

13. TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1

UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, corrosive, Packing Group II or III, (each not exceeding 1 L capacity) or Aerosols, flammable (each not exceeding 1 L capacity) or Aerosols, flammable, n.o.s. (engine starting fluid) (each not exceeding 1 L capacity) or Aerosols, nonflammable (each not exceeding 1 L capacity) or Aerosols, poison, each not exceeding 1 L capacity



14. REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

- *Distillates, petroleum, hydrotreated light (64742478 <15%) TSCA
- *Tetramethrin (7696-12-0 1-5%) SARA313
- *Phenothrin (26002-80-2 1-5%) SARA313
- *Carbon dioxide (124-38-9 1-5%) MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

SARA313=SARA 313 Title III Toxic Chemicals

TSCA = Toxic Substances Control Act

MASS= MA Massachusetts Hazardous Substances List

TXAIR = TX Air Contaminants with Health Effects Screening Level

PA = PA Right-To-Know List of Hazardous Substances

Proposition 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

14. Other Information

Hazard rating System

NFPA

Health	Fire	Reactivity
2	3	1

Disclaimer: The information of this SDS is based on the present state of our knowledge. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.

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