

Safety Data Sheet

Aerothor Flea IGR + Adulticide

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

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Aerothor Flea IGR + Adulticide
Chemical Name: Tetramethrin, Phenothrin
Recommended use of the chemical and restrictions on use: Insecticide

Company: Ensystex 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: Excessive inhalation of mists can cause nasal and respiratory irritation.
Skin Contact: Can cause skin irritation. Can cause a burning or pricking sensation on more sensitive areas (face, eyes, mouth).
SKIN ABSORPTION: Harmful if absorbed through the skin.
Eye Contact: Causes mild eye irritation.
Ingestion: May be harmful if swallowed.

GHS Signal Word
Danger
Label Elements
Hazard pictograms



GHS Classifications:
Physical, Flammable Aerosols, 2
Health, Acute toxicity, 4 Inhalation
Health, Acute toxicity, 3 Oral
Health, Acute toxicity, 4 Dermal
Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Phrases:
H222 – Extremely flammable aerosol
H229 - Pressurized container: may burst if heated
H301 - Toxic if swallowed
H312 - Harmful in contact with skin
H332 - Harmful if inhaled
H320 - Causes eye irritation

GHS Precautionary Statements:
P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 - Do not spray on an open flame or other ignition source.
P235+410 - Keep cool. Protect from sunlight.
P243 - Take precautionary measures against static discharge.
P251 - Pressurized container: Do not pierce or burn, even after use.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P270 - Do not eat, drink or smoke when using this product.
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.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+341 - IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.
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.
P332+313 - If skin irritation occurs: Get medical advice/attention.
P371+380+375 - In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P381 - Eliminate all ignition sources if safe to do so.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS #	PERCENT BY WEIGHT
Distillates, petroleum , hydrotreated light	64742-47-8	15-25
Petroleum gases, liquefied, sweetened	68476-86-8	60-75
Phenothrin	26002-80-2	<3
Tetramethrin	7696-12-0	<3

4. FIRST-AID

Inhalation: Move to fresh air and keep at rest. Call a physician if symptoms develop and persist. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Skin Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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. Call a poison control center or doctor for treatment advice.

Ingestion: If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give any liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flammability:	Extremely Flammable
Flash Point:	>-156 F (-104.4 C) (propellant)
Flash Point Method:	Estimated
Burning Rate:	NA
Autoignition Temp:	NA
LEL:	NA
UEL:	NA

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. Store in accordance with NFPA 30B for LEVEL 3 AEROSOL.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Maintain adequate ventilation
Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves

INGREDIENTS	EXPOSURE LIMITS	
	OSHA-PEL	ACGIH-TLV
Distillates, petroleum, hydrotreated light	None	200 mg/m ³ (skin)
Tetramethrin	None	None
Phenothrin	None	None
Liquified petroleum gas	1000 ppm	1000 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Milky emulsion
Physical State: Mixture packaged in pressurized aerosol spray can.
Odor: Petroleum distillate odor.
Solubility: Partilly miscible
Spec Grav./Density: 0.968 g/mL
Boiling Point: No Data
Vapor Pressure: No Data
pH: 7.0
VOC: 0
Evap. Rate: No Data
Flammability: Extremely flammable
Flash Point: -156 F (-104.4 C) (propellant) Estimated
VOC: <23.0

10. STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions.
CONDITIONS TO AVOID: Heat, sparks, open flames and temperatures above 120°F
Do not puncture or incinerate container.
MATERIALS TO AVOID: Strong oxidizing agents and acids and bases.
HAZARDOUS DECOMPOSITION PRODUCTS: No Data
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, Flammable

14. REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Distillates, petroleum, hydrotreated light (64742478 <15%) TSCA
*Petroleum gases, liquefied, sweetened (68476-86-8 60-75%) TSCA
*Tetramethrin (7696-12-0 1-5%) SARA313
*Phenothrin (26002-80-2 1-5%) SARA313

REGULATORY KEY DESCRIPTIONS

SARA313=SARA 313 Title III Toxic Chemicals
TSCA = Toxic Substances Control Act

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
1	4	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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