

12-805

**MATERIAL SAFETY DATA SHEET**  
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

**SECTION 1: Chemical Product & Company Identification**

**Product Name(s):** Green Thumb® Flying Insect Killer  
**EPA Number:** 5887-159-12140  
**Manufacturer Name & Address:** Streco, Inc., an indirect subsidiary of Verdant Brands Inc. 9555 James Avenue S, Ste 200, Bloomington, MN 55431 *Safe Co, Inc / TruServ*  
**Telephone Contact Number & Hours of Operation:** (612) 703-3300, 8:00 a.m. - 5:00 Central Time  
**Emergency Telephone Contact Number:** Chemtrec: 800-424-9300

**SECTION 2: Composition/Information on Ingredients**

Hazardous Ingredients <sup>(*)</sup> :	% by weight	CAS No	OSHA	PEL	ACGIH	TLV
			TWA	STEL	TWA	STEL
tetramethrin	0.25	7696-12-0	5 mg/m <sup>3</sup> **	NE	5 mg/m <sup>3</sup> **	NE
d-Phenothrin	0.15	26002-80-2	5 mg/m <sup>3</sup> **	NE	5 mg/m <sup>3</sup> **	NE
aromatic hydrocarbon solvent	<10.0	64742-94-5	NE	NE	NE	NE
isobutane/propane propellant <sup>(***)</sup>	<30.0		1800 mg/m <sup>3</sup>	NE	4508 mg/m <sup>3</sup>	NE

\* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions  
 \*\* as pyrethrinum  
 \*\*\* PEL & TLV as propane

**SECTION 3: Hazards Identification**

**EMERGENCY OVERVIEW**

**Physical description:** Milky white liquid (in aerosol)  
**Odor:** Mild odor of petroleum solvent  
**Physical Hazards:** Container may explode violently in heat of fire. Material is combustible - eliminate ignition sources  
**Potential Health Effects:** This material may be moderately irritating to the eyes and skin, and inhalation may result in a runny nose and scratchy throat. Personnel responding to a spill of this material would likely encounter no other substantial hazards.

**SECTION 4: First Aid Measures**

**Skin Contact:** Wash with plenty of soap and water. Get medical attention if irritation persists.  
**Ingestion:** If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention. DO NOT INDUCE VOMITING. Seek medical attention.  
**Eye Contact:** Immediately flush eyes with water for at least 15 minutes. Call a physician if irritation persists  
**Inhalation:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.  
**NOTES TO PHYSICIAN:** The minimum lethal dose is in the range of 10 to 100 grams.

**SECTION 5: Fire Fighting Measures**

**Extinguishing media:** CO<sub>2</sub>, dry chemical, foam, water spray  
**Hazardous products of combustion:** hydrogen chloride  
**Protective Equipment:** Use SCBA and bunker gear.  
**NEPA CODES:** FIRE: 2 HEALTH: 1 REACTIVITY: 0  
**Flashpoint:** 200°F  
**Autoignition temperature:** not determined

**SECTION 6: Accidental Release Measures**

**Spills:** Eliminate ignition sources. Absorb spill with sorbent and transfer into containers for proper disposal (See Disposal Comments in Section 13). Clean area with detergent and water.

**SECTION 7: Handling & Storage**

**Storage:** Stored in well-closed, upright containers at a temperature less than 40 deg C, preferably between 15-30 deg C., out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

**SECTION 8: Exposure Controls & Personal Protective Equipment**

**Skin:** Protective gloves recommended  
**Eye Protection:** Recommended to avoid splashing of material directly into eyes

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respiratory: In typical applications no engineering controls should be needed, if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with organic vapor/dust/mist cartridges, or mechanical ventilation

**SECTION 9: Physical & Chemical Parameters**

Appearance: milky white

Odor: mild solvent odor

Physical state: liquid

Bulk Density: 8.21 lbs/gallon

Solubility in water: emulsion

Vapor density: not determined

Vapor pressure: not determined

Boiling point: not determined

pH: 7.0

**SECTION 10: Stability & Reactivity**

Stability: stable

Conditions to avoid: excessive heat

Incompatibilities: Concentrated mineral supplements (fertilizers), strong oxidizers, acids

Hazardous polymerization: will not occur

**SECTION 11: Toxicological Information**Permethrin: Oral Rat LD<sub>50</sub> = >5,000 mg/kg Dermal Rabbit LD<sub>50</sub> = >5,000 mg/kg Inhalation LC<sub>50</sub> = >5,000 mg/m<sup>3</sup>Tetramethrin: Oral Rat LD<sub>50</sub> = >20,000 mg/kg Dermal Rat LD<sub>50</sub> = >10,000 mg/kg Inhalation LC<sub>50</sub> = >2,500 mg/m<sup>3</sup>

Extraordinary absorbed doses may rarely cause incoordination, tremor, salivation, vomiting, diarrhea, and irritability to sound and touch.

Not a contact sensitizer Carcinogens: None listed per OSHA, NTP, or IARC

**SECTION 12: Ecological Information**

Ecotoxicity: May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by cleaning of equipment or disposal of washwaters.

Environmental Fate: experimental Koc value of 63,096

**SECTION 13: Disposal Considerations**

This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted, state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

**SECTION 14: Transport Information**

DOT Hazard Description: Consumer Commodity, ORM-D

**SECTION 15: Regulatory Information**

CERCLA RC: no data

SARA Title III: n/a

Individual States: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

**SECTION 16: Other Information**

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLVs (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

This information is provided in good faith, but without express or implied warranty.