

MATERIAL SAFETY DATA SHEET

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200, the EU Directive, 91/155/EEC and other regulatory requirements.

1. Company and Product Identification

Products: EcoPCO™ ACU Contact Insecticide Aerosol
EPA Reg. No. 67425-14

Emergency Telephone Number:
InfoTrac Chemical Response System
(800) 535-5053 (24 hours)

Manufacturer: EcoSMART Technologies, Inc.
318 Seaboard Lane, Suite 208
Franklin, TN 37067

For General Information:
(888) 326-7233 (8am to 4pm CST)

2. Ingredients

Ingredient Name	% by weight	CAS #	Exposure Limits
Active Ingredients:			
Phenethyl Propionate	0.1%	122-70-3	None Established
Inert Ingredients:			
Isoparaffinic Hydrocarbon solvent	50 to 90%	64742-47-8	1200 mg/m ³ (TWA)
Propane (propellant)	2 to 17%	74-98-6	1000 ppm (OSHA TWA) 2500 ppm (ACGIH TWA) 2100 ppm (NIOSH IDLH)
Isobutane (propellant)	2 to 17%	75-28-5	800 ppm (ACGIH TLV)

3. Hazards Identification

Overview:

Colorless liquid with floral scent in an aerosol container.

Contents of container are under pressure (55 to 65 psig @ 68° F). Exposure to temperatures above 130° F may cause bursting.

Container contents (propellants) are flammable. Keep away from ignition sources and hot surfaces.

Potential Health Effects:

Prolonged exposure to this product may cause dry skin, eye/nasal irritation, dizziness, headache, or nausea.

4. First Aid Measures

- Eyes:** Flush with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician if irritation persists.
- Skin:** Wash exposed area with soap and water thoroughly. Remove contaminated clothing. Get medical attention if irritation persists.
- Inhalation:** Remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
- Ingestion:** Rinse mouth out with water. Obtain medical attention as soon as possible. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

5. Fire Fighting Measures

- Flammability of the Product.....** NFPA 30B Level 3 Aerosol
- Flash Point:.....** <0°F (propellant)
>172°F (active ingredient)
- Flammable Limits:** Not tested, but aerosol is very flammable
- Extinguishing Media:** Carbon Dioxide, Dry Chemical, or Foam
- Fire and Explosion Hazards:** Container contents are flammable and under pressure. Exposure to temperatures above 130 degrees F could cause bursting.
- Special Fire Fighting Procedures:.....** Keep containers cool to prevent bursting. Wear self-contained breathing apparatus.
- Hazardous Decomposition Products:.....** Thermal decomposition may produce carbon dioxide, carbon monoxide, unburned hydrocarbons, unburned terpenes, smoke and fumes.

6. Spill/Leak Procedures

Should the container begin to leak (if accidentally punctured for example) allow the contents to discharge completely in a well-ventilated area that is free of sparks or other ignition sources. When the contents have been completely discharged, absorb any liquid residue with an inert absorbent material and dispose of the empty container and absorbent material according to local ordinances.

7. Handling and Storage

Store in a cool, dry place. Do not use or store near heat, open flames, or hot surfaces. Do not use this product on or in electrical equipment. Foods and eating utensils should be removed or covered when this product is used.

Food processing equipment should be covered and/or wiped down after use. Keep out of the reach of children and animals.

8. Exposure Control/Personal Protection

- Ventilation:** Local exhaust ventilation is not required. If used indoors on a continuous basis, ensure adequate mechanical ventilation.
- Respiratory Protection:** Not required with adequate ventilation. If ventilation is poor, or if treating large volumes, wear a properly fitted half-face or full-face air-purifying respirator that is approved for pesticides (NIOSH/MSHA)
- Eye Protection:** Not required. Safety glasses are recommended during volumetric treatments.
- Gloves:** Not required.
- Other Protective Equipment:** Not required.
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9. Physical Properties

- Appearance:**Colorless liquid while in container - when discharged, colorless aerosol
- Odor:**Floral scent **Specific Gravity (of unpressurized portion):**....0.76 - 0.8 (water = 1)
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10. Stability and Reactivity

- Chemical Stability:** Stable
- Hazardous Polymerization:** Will not occur
- Conditions/Materials to Avoid (Incompatibility):** Temperatures above 130 °F, ignition sources, and strong oxidizing agents
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11. Toxicological Information

- Rat Acute Oral:**LD50 > 2000 mg/kg
- Acute effects from Overexposure:**This product has low oral and dermal toxicity. Prolonged contact with the skin may cause dryness, and contact with the eyes may cause eye irritation. Inhalation of the aerosol may cause irritation of the nasal passages and/or dizziness. Ingestion of this product could result in irritation of the intestinal tract, headache or nausea.
- Chronic Effects from Overexposure:** .. No data are available.
- Carcinogenicity:****NTP:** No **OSHA:** No

12. Environmental Information

While specific data regarding toxicity to fish or other aquatic organisms is not available for this product, care should always be taken to prevent pesticides from entering aquifers.

13. Disposal

The aerosol container is not refillable. When container is empty, recycle if available. If recycling is not possible, wrap the container and dispose of with ordinary trash. Do not puncture or incinerate.

14. Transportation Information

Proper Shipping Name: Consumer Commodity

DOT Hazard Class: ORM-D

15. Regulatory Information

NFPA Ratings: Health - 1 Fire - 4 Reactivity - 1 Special – none

SARA Title III: This product does not contain any ingredients subject to Section 313 (40 CFR 372) reporting requirements.

U.S. EPA Signal Word: CAUTION