

MATERIAL SAFETY DATA SHEET

EcoPCO® ACU

UNSCENTED CONTACT AEROSOL INSECTICIDE

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 & PRODUCT IDENTIFICATION

Product: EcoPCO ACU Unscented Contact Aerosol Insecticide
EPA Reg. No.: 67425-14

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

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

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

2. INGREDIENTS

Phenethyl Propionate (active ingredient)		Isoparaffinic Hydrocarbon (solvent)	
% by weight:	0.1%	% by weight:	50 to 90%
CAS:	122-70-3	CAS:	64742-47-8
Exposure Limits:	None established	Exposure Limits:	1200 mg/m ³ (TWA)
Propane (propellant)		Isobutane (propellant)	
% by weight:	2 to 17%	% by weight:	2 to 17%
CAS:	74-98-6	CAS:	75-28-5
Exposure Limits:	1000 ppm (OSHA TWA) 2500 ppm (ACGIH TWA) 2100 ppm (NIOSH IDLH)	Exposure Limits:	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 degrees F). Exposure to temperatures above 130 degrees 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.

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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

Flashpoint <0°F (propellant) > 172 degrees 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 & 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 which 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.

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)

10. STABILITY & REACTIVITY

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

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

EcoPCO product code: PCA0617Z **Date:** 10/28/02



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EcoPCO[®] ACU

UNSCENTED CONTACT INSECTICIDE

EcoPCO[®] ACU is a specifically formulated contact aerosol for residential, commercial and food handling areas.

DIRECTIONS FOR USE:
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

SHAKE WELL BEFORE USING.

For Crack/Crevice and Void Treatments: *Use the green injector nozzle tip provided.* Inject into all crack/crevice and void spaces where insects may be crawling, hiding or living. Release approximately 1 second of product per crack/crevice application and from 2 to 3 seconds per cubic foot of closed void space treated. Apply more liberally for heavy infestations. Applications can be made, but are not limited to, behind baseboards, cabinets, walls, ceilings, door and window frames, and around water pipes and appliances. Ensure contact with as many insects as possible. Repeat as necessary.

For Volumetric Treatment For Void Areas (attics, false ceilings and crawl spaces): Apply at a rate of 20 to 30 seconds per 1000 cu. feet. Repeat as necessary.

For Flying Insect Treatment: Close all windows and doors. Apply upwards in wide swaths towards target pest at a rate of 3 to 5 seconds per 1000 cu. ft. Wait 30 minutes before opening windows/doors. Repeat as necessary.

For Wood Injection Treatment: Drywood Termites- spot treatment for localized infestation. Probe to locate galleries, drill holes and inject 5-10 seconds spray per hole into active galleries. **Powder Post Beetles-** treat infested wood using injection tube. Apply small amounts directly into and around entrance holes.

EcoPCO[®] ACU will not stain carpet, floors or walls.

Questions or Comments:

Call 1-888-326-7233 weekdays, 9:00 a.m. to 5:00 p.m. CST.

For Chemical Safety Information:

Call 1-800-535-5053 anytime (InfoTrac Chemical Response System)

VOC compliant in all states.

Storage & Disposal: Store in a cool, dry area away from heat or open flame. When container is empty, recycle if available. If recycling is not available, wrap and place the empty container in a trash collector. Do not puncture or incinerate.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

- **CAUTION:** Harmful if swallowed. Wash thoroughly with soap and water after handling. Avoid contact with eyes. Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse.
- Avoid contact with food, utensils and food preparation areas.
- **Food Areas of Food Handling Establishments:** Foods should be removed or covered during treatment. Either cover food processing equipment or wash/wipe any excess. Apply only when plant is not in operation.
- **Notice to Applicator:** During any volumetric treatment, wear an approved pesticide respirator.
- **Physical or Chemical Hazards:** Extremely Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not use this product in electrical equipment. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

STATEMENT OF PRACTICAL TREATMENT

- **IF SWALLOWED:** Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.
- **IF IN EYES:** Wash with plenty of water. Consult physician if irritation persists.
- **IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Limitation of Liability: EcoSMART Technologies, Inc. makes no warranties of merchantability, or of fitness for a particular purpose, nor any other expressed or implied warranty except as stated above.

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U.S. and Foreign Pat. Pending
CODE: PCA0617Z (USA)

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EcoPCO[®] ACU

CONTACT INSECTICIDE

A blend of plant oils tested and proven to kill a broad spectrum of insects

Active Ingredient:

2-Phenethyl Propionate 0.10%
Other Ingredients 99.90%

100.00%



Kills:

CRAWLING INSECTS: Ants, carpet beetles, centipedes, cockroaches, crickets, earwigs, millipedes, pillbugs, scorpions, spiders, and other indoor insect pests, including fleas and mites.

FLYING INSECTS: Flies, gnats, mosquitoes, moths, yellow jackets, wasps and other flying insect pests.

- **Quick Knockdown**
- **Strong Flushing Action**
- **Leaves No Visible Residue**

Unscented

EPA Reg. No. 67425-14

EPA EST. NO 46813-CN-03
EPA EST. NO 70424-CAN-001



CAUTION
KEEP OUT OF REACH OF CHILDREN
See back panel for Statement of Practical Treatment.

NET CONTENTS: 17 OZ