

# MATERIAL SAFETY DATA SHEET

## EcoPCO EC

## INSECTICIDE CONCENTRATE

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 EC Insecticide Concentrate

**EPA Reg. No.:** 67425-20

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

**For General Information:** (888) 326-7233 (9am to 5pm CST)

**Emergency Telephone Number:**

InfoTrac Response System (800) 535-5053 (24 hours)

### 2. INGREDIENTS

2-Phenethyl Propionate (active ingredient)		Proprietary Solvent Blend (inert ingredient)	
% by weight:	10.00%	% by weight:	to 100%
CAS:	122-70-3	CAS:	N.A.
Exposure Limits:	None established	Exposure Limits:	None established

  

Piperonyl butoxide (active ingredient)	
% by weight:	40.00%
CAS:	53-03-6
Exposure Limits:	None established

### 3. HAZARDS IDENTIFICATION

**Potential Health Effects:** Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling.

**Flammable:** Do not use or store near heat or open flame.

### 4. FIRST AID MEASURES

**IF SWALLOWED:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Remove person to fresh air. If 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.

**IF ON SKIN OR CLOTHING:** Take off the contaminated clothing. Rinse the skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

### 5. FIRE FIGHTING MEASURES

**Flashpoint:** Not Determined but probably greater than 155°F (68°C) (TCC)

**Flammable Limits:** Not tested

**Extinguishing Media:** Use Foam, Carbon Dioxide, or Dry Chemical extinguishers.

**Fire and Explosion Hazards:** Combustible Liquid

**Special Fire Fighting Procedures:** None

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons and terpenes

### 6. SPILL/LEAK PROCEDURES

If spilled, absorb liquid with an inert absorbent material and dispose of the empty container and absorbent material in accordance with local ordinances.

### 7. HANDLING & STORAGE

Store in a cool, dry place. Do not allow to freeze. Do not smoke or eat in the product handling area. Keep out of the reach of children and animals.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Ventilation:** Local exhaust ventilation is not required. If large quantities are handled indoors, 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 in U.S.).

**Eye Protection:** Not required. Safety glasses or chemical goggles are recommended.

**Gloves:** Not required. Nitrile, Neoprene, or natural rubber gloves are recommended.

**Other Protective equipment:** Not required.

### 9. PHYSICAL PROPERTIES

**Appearance:** Clear golden amber liquid

### 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable      **Hazardous Polymerization:** Will not occur

### 11. TOXICOLOGICAL INFORMATION

**Rat Acute Oral:** Not Determined

**Acute effects from Overexposure:** The individual components of this product are known to have low oral and dermal toxicity. This mixture is expected to have a similar toxicological profile. Prolonged contact with the skin may cause irritation. Contact with the eyes may cause eye irritation. Inhalation of the vapor may cause irritation of nasal passages and/or dizziness. Ingestion of this product could result in irritation of the gastrointestinal 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 be taken to prevent pesticides from entering aquifers.

### 13. DISPOSAL

Do not reuse empty container. Triple rinse empty container then puncture container and recycle if possible. If recycling is not possible, triple rinse empty container then puncture container and dispose of container in a sanitary landfill, or incinerator, or if allowed by state and local regulations, by burning. If burned, stay out of smoke.

### 14. TRANSPORTATION INFORMATION

**Ground:** Not DOT regulated in available quantities (ref: CFR 49 § 173.150 (f))

**Air (IATA):** Not regulated

**Reportable Quantity:** A Reportable Quantity (RQ) has not been established for this material.

### 15. REGULATORY INFORMATION

**NFPA Ratings:** Health - 1    Fire - 2    Reactivity - 0    Special - none

**SARA Title III:** This product contains the following toxic chemical and is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372:

<b>CAS No.:</b>	<b>Chemical Name:</b>	<b>% by weight:</b>
51-03-6	Piperonyl Butoxide	40.0% maximum



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