

# MATERIAL SAFETY DATA SHEET

## EcoEXEMPT® KO 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:** EcoEXEMPT® KO Contact Insecticide  
**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 Chemical Response System (800) 535-5053 (24 hours)

### 2. INGREDIENTS

<b>2-Phenethyl Propionate</b> (active ingredient)	<b>Proprietary Solvent Blend</b> (inert ingredient)
<b>% by weight:</b> 5.0%	<b>% by weight:</b> to 100.0%
<b>CAS:</b> 122-70-3	<b>CAS:</b> N.A.
<b>Exposure Limits:</b> None established	<b>Exposure Limits:</b> None established
<b>Eugenol</b> (active ingredient)	<b>Carbon Dioxide</b> (inert ingredient)
<b>% by weight:</b> 0.5%	<b>% by weight:</b> 2.0-4.0%
<b>CAS:</b> 97-53-0	<b>CAS:</b> 124-38-9
<b>Exposure Limits:</b> None established	<b>Exposure Limits:</b> TWA: 5000ppm (OSHA)

### 3. HAZARDS IDENTIFICATION

**Potential Health Effects:** May be harmful if swallowed or inhaled. May cause eye irritation.

**Flammable:** Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperature above 130°F may cause bursting.

### 4. FIRST AID MEASURES

**INJECTION:** Rinse mouth out with water. Do not induce vomiting. Obtain medical attention as soon as possible.  
**INHALATION:** Remove person to fresh air. If breathing problems persist, get medical attention.  
**SKIN:** Take off the contaminated clothing. Wash exposed area with soap and water thoroughly.  
**EYES:** Flush with water for at least 15 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a physician if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flashpoint:** Greater than 127°C (260°F)  
**Flammable Limits:** Not tested  
**Extinguishing Media:** Carbon Dioxide, Dry Chemical or Foam  
**Fire and Explosion Hazards:** Flammable Liquid.  
**Special Fire Fighting Procedures:** Keep containers cool to prevent bursting.  
**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons and terpenes

### 6. SPILL/LEAK PROCEDURES

Eliminate sources of ignition. Absorb any liquid discharge with an inert absorbent material and dispose of the empty container and absorbent material in accordance with local ordinances. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

### 7. HANDLING & STORAGE

Store in cool, dry area away from heat, sparks or open flame. Keep out of the reach of children and animals.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Ventilation:** Local exhaust ventilation is not required.  
**Respiratory Protection:** Not required with adequate ventilation.  
**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  
**Specific gravity:** approx 0.87

### 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Conditions/Materials to Avoid (Incompatibility):** N/A

### 11. TOXICOLOGICAL INFORMATION

**Rat Acute Oral:** Unknown (Not tested)

**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 is 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 available, wrap the container and place in a trash collector. 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 - 2 Reactivity - 0 Special - none  
**TSCA:** No ingredients in this product are listed on the TSCA Inventory.  
**SARA Title III:** This product does not contain any ingredients subject to Section 313 (40 CFR 372) reporting requirements.

This product has not been registered by the United States Environmental Protection Agency. EcoSMART Technologies, Inc. represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).



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