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## 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.

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### 1. Company and Product Identification

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**Product:** EcoEXEMPT™ HC

**Emergency Telephone Number:**

Info Trac Chemical Response System  
(800) 535-5053 (24 hours)

**Manufacturer:** EcoSMART Technologies, Inc.  
318 Seaboard Lane, Suite 202  
Franklin, TN 37067

**For General Information:**

(888) 326-SAFE (9am to 5pm EST)

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### 2. Ingredients

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<u>Ingredient Name</u>	<u>% by weight</u>	<u>CAS #</u>	<u>Exposure Limits</u>
<b><u>Active Ingredients:</u></b>			
Eugenol	21.4%	97-53-0	None established
2-Phenethyl Propionate	21.4%	122-70-3	None established
<b><u>Inert Ingredients:</u></b>			
Water	20% - 70%	7732-18-5	None established
Lecithin	1.0-5.0%	8002-43-5	None established

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### 3. Hazards Identification

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**Overview:**

- Milky white liquid with a floral scent.
- State of California requires any product containing 8.5% or more of Eugenol and/or 8.5% or more of 2-Phenethyl propionate must at a minimum bear the signal word "Caution", the phrase "Keep Out of Reach of Children", appropriate precautionary language, and a requirement for protective eyewear and gloves.

**Potential Health Effects:** Prolonged exposure to this product may cause skin irritation, eye/nasal irritation, dizziness, headache or nausea.

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#### 4. First Aid Measures

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- 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 for at least 15 minutes. 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.
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#### 5. Fire Fighting Measures

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- Flashpoint:** ..... 188°F (TCC)
- Flammable Limits:** ..... Not tested
- Extinguishing Media:** ..... Use Foam, Carbon Dioxide, or Dry Chemical extinguishers.
- Fire and Explosion Hazards:** ..... Combustible
- Special Fire Fighting Procedures:** ..... None
- Hazardous Decomposition Products:** ... Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons and terpenes.
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#### 6. Spill/Leak Procedures

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If spilled, absorb liquid with an inert absorbent material and dispose of the empty container and absorbent material in accordance with local ordinances. Components of this product are not considered EPA hazardous wastes.

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#### 7. Handling and Storage

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

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## 8. Exposure Control/Personal Protection

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**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 and large quantities are being handled, wear a properly fitted half-face or full-face air-purifying respirator which is approved for pesticides (NIOSH/MSHA in U.S.).

**Eye Protection:**.....Safety glasses or chemical goggles.

**Gloves:** .....Wear Nitrile, Neoprene, or natural rubber gloves.

**Other Protective equipment:** .....Not required.

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## 9. Physical Properties

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**Appearance:** Milky white liquid  
**Odor:** Floral scent

**Specific Gravity (water =1):** 0.99 – 1.1

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## 10. Stability and Reactivity

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**Chemical Stability:** .....Stable

**Hazardous Polymerization:** .....Will not occur

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## 11. Toxicological Information

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**Rat Acute Oral:** ..... >5000 mg/kg

**Rate Dermal:**..... >5000mg/kg

**Acute effects from Overexposure:** ..... This product has low oral and dermal toxicity. Prolonged contact with the skin may cause irritation, and 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

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