

# 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

<b>Product:</b>	EcoSMART Organic™ Bed Bug Killer for Mattress & Carpets (DR-J-098Z)	<b>Emergency Telephone Number:</b>	Info Trac Chemical Response System (800) 535-5053 (24 hours)
<b>Manufacturer:</b>	EcoSMART Technologies, Inc. 20 Mansell Court, Suite 375 Roswell, GA 30076	<b>For General Information:</b>	(888) 326-SAFE (9am to 5pm EST)

## 2. Ingredients

<u>Ingredient Name</u>	<u>% by weight</u>	<u>CAS #</u>	<u>Exposure Limits</u>
<b>Active Ingredients:</b>			
Rosemary oil	1.5%	8000-25-7	None established
Peppermint oil	1.5%	8006-90-4	None established
2-Phenethyl propionate	3.0%	122-70-3	None established
<b>Inert Ingredients:</b>			
Proprietary blend of emulsifiers and solvents	to 100%	-	None established
Nitrogen (propellant)	100 – 150psi	7727-37-9	None established

## 3. Hazards Identification

**Potential Health Effects:** ..... May be harmful if swallowed or inhaled. May cause eye irritation. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing.

**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

<b>CAUTION:</b>	Avoid contact with eyes.
<b>IF IN EYES:</b>	Flush with plenty of water.
<b>IF ON SKIN:</b>	Wash with soap and water. If irritation persists contact physician.
<b>IF INHALED:</b>	Move exposed person(s) to fresh air.
<b>IF INGESTED:</b>	Rinse mouth out with water. Do not induce vomiting. Seek medical attention if necessary.

## 5. Fire Fighting Measures

**Flashpoint:** ..... Not tested

**Flammable Limits:**..... Not tested  
**Extinguishing Media:** ..... Use Foam, Carbon Dioxide, or Dry Chemical extinguishers.  
**Fire and Explosion Hazards:**..... Container contents are under pressure. Exposure to temperatures above 130°F could cause bursting.  
**Special Fire Fighting Procedures:**..... Keep containers cool to prevent bursting. Firefighters should have eye protection and wear self-contained breathing apparatus.  
**Hazardous Decomposition Products:** ..... Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons and terpenes.

**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. 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 in accordance with local ordinances. Components of this product are not considered EPA hazardous wastes.

**7. Handling and Storage**

Store in a cool, dry place. Do not use or store near heat, flames or hot surfaces. Do not smoke while using product. Do not use 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. No smoking or eating in the product handling area.

Disposal: When container is empty, recycle if available. If recycling is not available, wrap and place the empty container in a trash collector. 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**

<b>Appearance:</b>	White liquid	<b>Specific Gravity (water =1):</b>	0.97 g/ml
<b>Odor:</b>	Sweet floral / minty scent		

**10. Stability and Reactivity**

<b>Chemical Stability:</b> ..... Stable	<b>Hazardous Polymerization:</b> ..... Will not occur
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**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, 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

**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 insecticides 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.

**14. Transportation Information**

**Proper Shipping Name:** Consumer Commodity                                      **DOT Hazard Class:** ORM-D

**15. Regulatory Information**

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

**TSCA:**                  All ingredients in this product are either listed or excluded from the TSCA Inventory.

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

**16. Other Information**

**NFPA 30B Aerosol Classification:**          Class 1