

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

Product:	EcoSMART Organic Insecticide Organic Garden Dust for Fruits, Vegetables and Ornamentals (DR-K-131)	Emergency Telephone Number: Info Trac Chemical Response System (800) 535-5053 (24 hours)
Manufacturer:	EcoSMART Technologies, Inc. 20 Mansell Court, Suite 375 Roswell, GA 30076	For General Information: (877) 667-0006 (9am to 5pm EST)

2. Ingredients

<u>Ingredient Name</u>	<u>% by weight</u>	<u>Exposure Limits</u>
<u>Active Ingredients:</u>		
2-phenethyl propionate	4.0%	None established
Thyme oil	0.5%	None established
<u>Inert Ingredients:</u>		
Inert solvent oils	3.5%	None established
Inert powdered fillers	to 100%	None established

3. Hazards Identification

Overview:

- Off white amorphous dust with a faint minty scent.
- Burning may cause toxic by-products.

Potential Health Effects:

Prolonged exposure to this product may cause dry skin, eye irritation, and drying of the nasal passages.

4. First Aid Measures

CAUTION:	Avoid contact with eyes.
IF IN EYES:	Flush with plenty of water for at least 15 minutes.
IF ON SKIN:	Wash exposed area with soap and water.
IF INHALED:	Move exposed person(s) to fresh air.
IF INGESTED:	Rinse mouth out with water. Do not induce vomiting. Seek medical attention if necessary.

5. Fire Fighting Measures

Flashpoint: Not applicable
Flammable Limits: Not applicable
Extinguishing Media: Use Foam, Water, Carbon Dioxide, or Dry Chemical extinguishers.
Fire and Explosion Hazards: Not a fire or explosion hazard.
Special Fire Fighting Procedures: None
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons and terpenes.

6. Spill/Leak Procedures

Should the product be spilled, it may be swept up or vacuumed for disposal. Dispose of the spilled material and container 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. Avoid excessive heat. Do not smoke or eat in the product handling area. Keep out of the reach of children and animals. Do not contaminate with other pesticides.

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 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: Not required. Safety glasses are recommended during application.
Gloves: Not required, although rubber gloves are recommended to avoid drying of the skin.
Other Protective equipment: Long sleeve shirt, long pants, shoes, and socks.

9. Physical Properties

Appearance:	White powder	Density: 0.26 g/ml (16.2 lb/cu ft)
Odor:	Mild minty scent	

10. Stability and Reactivity

Chemical Stability: Stable	Hazardous Polymerization: Will not occur
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11. Toxicological Information

Rat Acute Oral: LD₅₀ > 5,000 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 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

Do not reuse empty container. Triple rinse empty container and recycle if available. If recycling is not possible dispose of in ordinary trash.

14. Transportation Information

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

International: Contact EcoSMART Technologies: Telephone (877) 667-0006 (9am to 5pm EST)

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

15. Regulatory Information

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

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