

APPENDIX E
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.

This Material Safety Data Sheet (MSDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE PRODUCT LABELING (attached to and accompanying the product container). This MSDS provides important health, safety and environmental information as defined by OSHA for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use. Whereas, product labeling provides information specifically for product use as required under FIFRA 25b(2).

1. Company and Product Identification

Product:	EcoSMART Organic Insecticide Organic Home Pest Control For Indoor & Outdoor Use (KIT033)	Emergency Telephone Number: Info Trac Chemical Response System (800) 535-5053 (24 hours)
Manufacturer:	Kittrich Corporation 1585 Mission Blvd. Pomona, CA 91766	For General Information: (714) 736-1000 (9am to 5pm PST)

2. Ingredients

<u>Ingredient Name</u> <u>Active Ingredients:</u>	<u>% by weight</u>	<u>Exposure Limits</u>
2-Phenethyl propionate	5.0%	None established
Clove oil	0.5%	None established
Rosemary oil	0.5%	None established
Thyme oil	0.25%	None established
<u>Inert Ingredients:</u> Proprietary blend of emulsifiers and solvents comprised of water, polyglyceryl oleate, potassium oleate, wintergreen oil, vanillin and sodium benzoate	to 100%	None established

3. Hazards Identification

<u>Overview:</u> Milky-white emulsion with a rosemary / clove scent.
<u>Caution:</u> Avoid getting in eyes or on skin. Avoid breathing spray mists. This product is made from plant oils, some individuals may be sensitive to the fragrance.

4. First Aid Measures

IF IN EYES:	Flush with plenty of water.
IF ON SKIN:	Wash with soap and water. Remove contaminated clothing. If irritation persists contact physician.
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: Non flammable
 Flammable Limits: Not tested
 Extinguishing Media: Use Foam, Carbon Dioxide, or Dry Chemical extinguishers.
 Fire and Explosion Hazards: None
 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. Components of this product are not considered EPA hazardous wastes.

7. Handling and Storage

As with any household chemical product, keep out of reach of children and animals. Keep from freezing (store above 32°F). Avoid excessive heat.

8. Exposure Control/Personal Protection

The following personal protection equipment (PPE) is required for cleaning up large scale spills of the material. No PPE is required for consumer application of the product.

Ventilation: Local exhaust ventilation is not required.
 Respiratory Protection: Not required with adequate ventilation.
 Eye Protection: Not required. Safety glasses are recommended.
 Gloves: Not required.
 Other Protective equipment: Not required.

9. Physical Properties

Appearance:	Milky-white emulsion	Specific Gravity (water =1):	1.0 g/ml
Odor:	Minty scent		

10. Stability and Reactivity

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

11. Toxicological Information

Rat Acute Oral: Not determined
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

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. Securely wrap empty container in newspaper and discard in trash. Offer for recycling if available.

14. Transportation Information

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

Air: Not regulated by IATA

Marine: Not regulated by IMDG

International: Contact Kittrich Corporation: Telephone (714) 736-1000 (9am to 5pm PST)

15. Regulatory Information

NFPA Ratings: Health - 1 Fire - 0 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.