



Product: BIOGANICS HOME & GARDEN
INSECT SPRAY

EPA Reg. No.: N/A

Effective Date: 10/01/2002

MATERIAL SAFETY DATA SHEET

Emergency Phone 800/535-5053

Size	Product Number	UPC Code
24 oz	80224	0-49424-80224-1
Quart	80232	0-49424-80232-6

Note: Be sure to compare the EPA registration number as given on the MSDS with the EPA registration number as given on the label as some products have had the active ingredients changed without a corresponding change in the UPC number or in the item description.

1. INGREDIENTS:

	<u>% By Weight</u>	<u>CAS #</u>	<u>Exposure Limits</u>
Active Ingredients:			
Clove Oil	0.33%	8000-34-8	None Established
Sesame Oil	0.33%	8000-74-0	None Established
Thyme Oil	0.33%	8007-46-3	None Established
Inert Ingredients:			
Wintergreen Oil	0.4 – 2.0	119-36-8	None Established
Soybean Oil	0.4 – 2.0	8001-22-7	None Established
Lecithin	0.1 – 1.0	8002-43-5	None Established
Water	94 – 98	7732-18-5	None Established

2. HAZARDS IDENTIFICATION:

OVERVIEW:

Milky white liquid with a floral scent.

POTENTIAL HEALTH EFFECTS:

Prolonged exposure to this product may cause skin irritation and/or eye irritation.

3. FIRST AID MEASURES:

EYES:

Wash with water. Call a physician if irritation persists.

SKIN:

Wash exposed area with soap and water. Get medical attention if irritation persists.

INHALATION:

Seek fresh air.

INGESTION:

Rinse out mouth with water. Do not induce vomiting. Obtain medical attention as soon as possible.

4. FIRE FIGHTING MEASURES:

FLASH POINT:

>210°F (>99°C) (TCC)

FLAMMABLE LIMITS:

Not tested

EXTINGUISHING MEDIA:

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.

5. 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.



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6. HANDLING AND STORAGE:

Store in a cool, dry place. Keep out of the reach of children and animals. Do not use product on or in electrical equipment. Food and eating utensils should be removed or covered when this product is used. Keep from freezing.

7. EXPOSURE CONTROLS / 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 application.
GLOVES: Not required.
OTHER PROTECTIVE EQUIPMENT: Not required.

8. PHYSICAL PROPERTIES:

APPEARANCE: Milky white liquid
ODOR: Floral scent
SPECIFIC GRAVITY (water=1): 1

9. STABILITY AND REACTIVITY:

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.

10. TOXICOLOGICAL INFORMATION:

RAT ACUTE ORAL: Not determined
RATE DERMAL: 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. 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.
NTP: No OSHA: No

11. 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.

12. DISPOSAL:

Do not reuse empty container. Securely wrap empty container in newspaper and discard in trash.

13. TRANSPORTATION INFORMATION:

GROUND: Not a U.S. Department of Transportation regulated material.
REPORTABLE QUANTITY (RQ): A Reportable Quantity has not been established for this material.

14. REGULATORY INFORMATION:

NFPA HAZARD RATING

- HEALTH:	1
- FIRE:	1
- REACTIVITY:	0
- SPECIAL:	None

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



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