

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: Bioganic Safety Brands™ Lawn & Garden Spray
Multi-Insect Killer

Emergency Telephone Number:
InfoTrac Chemical Response System
(888) 535-5053 (24 hours)

Manufacturer: Bioganic Safety Brands, Inc.
318 Seaboard Lane, Suite 208
Franklin, TN 37067

For General Information:
(888) 326-7233 (8am to 4pm CST)

2. Ingredients

<u>Ingredient Name</u>	<u>% by weight</u>	<u>CAS #</u>	<u>Exposure Limits</u>
<u>Active Ingredient:</u>			
Sodium Lauryl Sulfate	2.0%	151-21-3	None established
Eugenol	0.5%	97-53-0	None established
Sesame Oil	0.5%	8008-74-0	None established
Thyme Oil	0.5%	8007-46-3	None established
<u>Inert Ingredients:</u>			
Oil of Wintergreen	0.75% - 3.5%	119-36-8	None established
Soybean Oil	0.75% - 3.5%	8001-22-7	None established
Lecithin	0.1% - 7.5%	8002-43-5	None established
Water	50% - 90%	7732-18-5	None established

3. Hazards Identification

Overview:

Off-white liquid with a floral scent

Potential Health Effects: Avoid contact with eyes and skin - prolonged exposure to this product may cause skin irritation and/or eye irritation.

4. First Aid Measures

- 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 thoroughly. 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.

5. Fire Fighting Measures

Flashpoint:>204° F (TCC)
Flammable Limits:.....Not tested
Extinguishing Media:.....Carbon Dioxide, Dry Chemical or foam
Fire and Explosion Hazards:Not Applicable
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 or leak, absorb any liquid with an inert absorbent material and dispose of the absorbent material according to local ordinances. Components of this product are not considered EPA hazardous wastes.

7. 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. Foods and eating utensils should be removed or covered when this product is used. Keep from freezing.

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 application.
Gloves:.....Not required.
Other Protective equipment:..... Not required.

9. Physical Properties

Appearance: Off-white liquid	Weight per Volume: 8.3 lbs/gallon
Odor: Floral scent	Freezing point: 32°F (approx.)

10. Stability and Reactivity

Chemical Stability:..... Stable **Hazardous Polymerization:**..... Will not occur
Conditions/Materials to Avoid (Incompatibility): Strong oxidizing or reducing agents.

11. Toxicological Information

Rat Acute Oral: LD50 > 5000 mg/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. Ingestion of this product could result in irritation of the gastrointestinal tract.

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 pesticides from entering aquifers.

13. Disposal

When container is empty, recycle if possible. If recycling is not available, wrap container in newspaper and dispose of with ordinary trash.

14. Transportation Information

Ground: Not a U.S. Department of Transportation regulated material

Air or International: Contact EcoSMART Technologies: Telephone (888) 326-7233 (8am to 4pm CST)

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.