



Safety Data Sheet Biorepel®

SECTION 1: Product and Company Identification

Safergro Laboratories, Inc.
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Product name: Biorepel®
 Product code: 0215 / 711003
 Product use: Insect repellent on plants
 Product type: Vegetable oil, essential oil

24-Hour Emergency tel: (800) 633-8253 (U.S. & Canada)
 (801) 629-0667 (International)

SECTION 2: Hazards Identification

Signal word: Caution
 Hazard statement: None. Not hazardous
 Precautionary statement: Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.
 HMIS Rating: Health = 1 Flammability = 0 Reactivity = 0

SECTION 3: Composition/Information on Ingredients

Component	CAS No.
Garlic oil	8000-78-0

The specific identity and/or exact percentage of composition is not provided because it is a trade secret. Ingredients are not considered hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4: First Aid Measures

Inhalation: Remove from source of exposure. Get medical attention if necessary.
 Skin contact: Wash with plenty of soap and water. Get medical attention if irritation persists.
 Eye contact: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.
 Ingestion: Call physician or Poison Control Center. Drink one or two glasses of water. Do not induce vomiting. If person is unconscious, do not give anything by mouth or induce vomiting.

SECTION 5: Firefighting Measures

Suitable extinguishing media: Water spray, dry chemical, carbon dioxide, foam
Special hazards arising from the substance or mixture: None
Protection for firefighters: Wear protective clothing and equipment

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
 Wear protective clothing, gloves, and safety eye goggles.

Environmental precautions
 Avoid discharge into environment

Methods and material for containment and cleaning up
 Contain all spills and leaks to prevent discharge into the environment. Use appropriate tools to transfer spill material to proper disposal container. Or recover material and use it for its intended purpose.

SECTION 7: Handling and Storage

Precautions for safe handling
 Avoid overheating or freezing.

Conditions for safe storage, including any incompatibilities
 Store in a cool, dry, well-ventilated area away from direct sunlight. Keep containers tightly closed when not in use.

SECTION 8: Exposure Controls/Personal Protection

Exposure controls
 Product has no occupational exposure limits. Avoid inhaling dusts or vapors. Practice good industrial hygiene and safety.

Personal protection
 Eye protection: Eye protection is not required. To avoid contact with eyes, use safety eye goggles.
 Skin protection: Wear protective clothing as necessary to minimize contact. Use chemical resistant gloves.
 Respiratory protection: Not required. Wear approved respiratory equipment if necessary.



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SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	White liquid	Vapor pressure	Not applicable
Odor	Clove odor	Vapor density	Not applicable
pH	6 – 8	Relative density	1.01 g/ml
Physical state	Liquid	Solubility	Miscible
Melting point / Freezing point	0°C / 32°F	Partition coefficient	Not applicable
Boiling point	100°C / 212°F	Auto-ignition temperature	Not applicable
Flash point	Not applicable	Decomposition temperature	Not applicable
Evaporation rate	Not applicable	Viscosity	Lightly viscous
Flammability	Non-flammable	Explosive properties	Non-explosive
Explosive limits	Not applicable	Oxidizing properties	Non-oxidizer

SECTION 10: Stability and Reactivity

Reactivity: None

Chemical stability: Product is stable.

Possibility of hazardous reactions: Under normal conditions, hazardous reaction will not occur.

Conditions to avoid: Avoid heat

Incompatible materials: None

Hazardous decomposition products: No known hazardous decomposition products.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity	May be harmful if swallowed	Dose toxicity	Not known to be toxic
Irritation	May cause eye or skin irritation	Carcinogenicity	Not known to be carcinogenic
Corrosivity	Not known to be corrosive	Mutagenicity	Not known to be mutagenic
Sensitization	Not known to cause sensitization	Reproductive toxicity	Not known to cause reproductive harm

SECTION 12: Ecological Information

Ecotoxicity: Not considered hazardous.

Persistence and degradability: Biodegradable

Bioaccumulative potential: Not available

Mobility in soil: Mobile

SECTION 13: Disposal Considerations

Waste treatment methods

Not hazardous waste. Dispose of product in accordance with federal, state, and local regulations. Consult with qualified representative for proper disposal or treatment.

SECTION 14: Transport Information

DOT: Not dangerous goods

IATA: Not dangerous goods

IMDG: Not dangerous goods

SECTION 15: Regulatory Information

CERCLA: No substance

California Prop 65: No substance

SARA 311/312 Hazards: No substance

SARA 313: No substance

Not Subject to "Right-To-Know" legislation in the following states

Massachusetts, New Jersey, Pennsylvania

SECTION 16: Other Information

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