

SAFETY DATA SHEET

Earth's Ally Bug Barrier Extended-Release Formula

1. Product and Company Identification

Product Name: Earth's Ally Bug Barrier Extended-Release Formula

Manufacturer: Sarasota Green Group
6801 Energy Court
Sarasota, FL 34240
800-550-6259

Telephone Number: 800-550-6259

Emergency Phone Number: Chemtrec (800) 424-9300

Product Use: Insecticide (EPA 25B)

Restriction on Use: None known.

2. Hazards Identification

Classification:

Physical	Health
Not Classified	Eye Irritation Category 2A Skin Sensitization Category 1

Label Elements:

Warning!



Hazard statement(s)

May cause an allergic skin reaction.
Causes serious eye irritation.

Precautionary statement(s)

Avoid breathing vapor, mist, or spray.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear eye protection and protective gloves.

Precautionary statement(s)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
Dispose of contents and container in accordance with local, regional, and national regulations.

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Non-hazardous ingredients	Proprietary	>95%
Geraniol	106-24-1	<2%
Sodium Lauryl Sulfate	151-21-3	<1%
Clove Oil	8000-34-8	<1%
Peppermint Oil	8006-90-4	<1%

The exact concentration is being withheld as a trade secret.

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4. First Aid Measures

Inhalation: Remove to fresh air. Get medical attention if irritation or other symptoms persist.

Skin Contact: Rinse skin thoroughly with water for several minutes. Get medical attention if irritation or rash develops and persists. Wash contaminated clothes before reuse.

Eye Contact: Flush eyes with water while lifting the upper and lower lids for at least 15 minutes. Remove contact lenses if present and easy to do, after the first 5 minutes; then continue flushing. Get medical attention if irritation persists.

Ingestion: Rinse mouth with water. Seek medical attention if you feel unwell.

Most important symptoms/effects, acute and delayed: Causes serious eye irritation. May cause an allergic skin reaction. Swallowing may cause gastric irritation and upset. Inhalation of mist may cause mild irritation to mucous membranes and upper respiratory tract.

Indication of immediate medical attention and special treatment, if necessary: Immediate medical attention is not required with normal use.

5. Firefighting Measures

Suitable (and unsuitable) extinguishing media: Use water fog or spray, foam, carbon dioxide or dry chemical.

Specific hazards arising from the chemical: Not classified as flammable or combustible.

Special protective equipment and precautions for fire-fighters: Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Ventilate area. Wear personal protective equipment as described in Section 8.

Environmental hazards: Avoid releases into the environment. Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: Cover with an inert absorbent material and collect into an appropriate container for disposal.

7. Handling and Storage

Precautions for safe handling: Avoid breathing vapors, aerosols, and mist. Use with adequate ventilation. Avoid contact with the eyes, skin, and clothing. Do not eat, drink, or smoke in the work area. Wash thoroughly after handling. Keep containers closed when not in use. Contaminated work clothing must not be allowed out of the workplace. Wash contaminated clothing before reuse.

Empty containers retain product residues that can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated location away from oxidizers and other incompatible materials. Keep containers closed when not in use.

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8. Exposure Controls / Personal Protection

CHEMICAL	EXPOSURE LIMIT
Non-hazardous ingredients	None Established
Geraniol	None Established
Sodium Lauryl Sulfate	None Established
Clove Oil	None Established
Peppermint Oil	None Established

Ventilation: Use with adequate general or local exhaust ventilation to minimize exposure levels.

Respiratory Protection: If needed, an approved respirator with organic vapor cartridges may be used. For higher exposures, a supplied air respirator may be required. Respirator selection and use should be based on contaminant type, form, and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Gloves: Impervious gloves are recommended if needed to avoid prolonged skin contact.

Eye Protection: Chemical safety glasses or goggles are recommended to avoid eye contact.

Other Protective Equipment/Clothing: Impervious clothing as needed to avoid skin contact and contamination of personal clothing.

9. Physical and Chemical Properties

Appearance: Translucent, milky liquid

Odor: Floral, minty, characteristic of essential oils

Odor threshold: No data available	pH: 6.57
Melting point/freezing point: No data available	Boiling point/ Boiling Range: No data available
Flash point: Does not flash at temperatures below 392°F (200°C)	Evaporation rate: No data available
Flammability (solid, gas): Not combustible	
Flammable limits: LEL: Not available	UEL: No data available
Vapor pressure: Not data available	Vapor density: No data available
Relative density: 1.00 g/mL	Solubility in Water: No data available
Partition coefficient: n-octanol/water: No data available	Auto-ignition temperature: No data available
Decomposition temperature: Not data available	Viscosity: No data available

10. Stability and Reactivity

Reactivity: Not reactive.

Chemical stability: Stable under normal storage and handling conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: None specified.

Incompatible materials: Strong oxidizing agents, acids, and bases.

Hazardous decomposition products: Thermal decomposition will produce oxides of carbon and unknown materials.

11. Toxicological Information

Inhalation: Inhalation of mist may cause mild irritation to the nose, throat, and upper respiratory tract.

Skin Contact: May cause slight skin irritation. May cause an allergic skin reaction.

Eye Contact: Causes serious eye irritation.

Ingestion: Swallowing may cause gastric irritation and upset.

Chronic Hazards: None known.

Carcinogen: Components are not listed as carcinogens or potential carcinogens by IARC, NTP, ACGIH or OSHA.

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Mutagenicity: Not classified
Reproductive Toxicity: Not classified.

Acute Toxicity Values:

Geraniol	LD50: Oral rat 3,600 mg/kg LD50: Dermal rabbit >5,000 mg/kg
Clove Oil	LD50: Oral rat >2,000 mg/kg
Peppermint Oil	LD50: Oral rat 2,426 mg/kg

Respiratory or skin sensitization: May cause an allergic skin reaction.

STOT-single exposure: Not classified.

STOT-repeated exposure: Not classified.

Aspiration Hazard: Not classified.

12. Ecological Information

Ecotoxicity:

Geraniol: LD50 danio rerio 22 mg/L/96 hr.; EC50 daphnia magna 10.8 mg/L/48 hr.

Peppermint oil: LL50 fish 3.4 mg/L/96 h; EL50 daphnia 2.7 mg/L/48 h.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: None known.

13. Disposal Considerations

Dispose of product and packaging in accordance with all local, state, and federal regulations.

14. Transport Information

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT	None	Not Regulated	None	None	None
IMDG	None	Not Regulated	None	None	None

Transport in Bulk According to IMO Instruments: Not applicable.

Special precautions: None known.

15. Regulatory Information

Safety, health, and environmental regulations specific for the product in question.

CERCLA Section 103: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

SARA Hazard Category (311/312): Refer to Section 2 for the OSHA hazard classification.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory or exempt.

California Proposition 65: This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity. For more information go to www.P65Warnings.ca.gov

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16. Other Information

NFPA Rating (NFPA 704):	Health: 2	Fire: 0	Instability: 0
HMIS Rating:	Health: 2	Fire: 0	Physical Hazard: 0

SDS Revision: New SDS
Supersedes: N/A
Date of preparation: October 21, 2024