



SAFETY DATA SHEET

Grower's Ally Spider Mite Control Concentrate

1. Product and Company Identification

Product Name: Grower's Ally Spider Mite Control Concentrate

Manufacturer: Sarasota Green Group
6801 Energy Court, Suite 201
Sarasota, Florida 34240

Telephone Number: 800-550-6259

Emergency Phone Number: Chemtrec (800) 424-9300

Product Use: Pesticide

Restriction on Use: None known.

2. Hazards Identification

Classification:

Physical	Health
Flammable Liquid Category 3	Eye Damage Category 1 Skin Irritation Category 2 Skin Sensitization Category 1

Label Elements:

Danger!



Hazard statement(s)

Flammable liquid and vapour.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.

Precautionary statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof electrical, ventilating, or lighting equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Avoid breathing vapors, mist, or spray.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the work place.

Precautionary statement(s)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.
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.
In case of fire: Use water fog or spray, alcohol-resistant foam, carbon dioxide or dry chemical to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents and container in accordance with local, regional and national regulations.

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Wear eye protection and protective gloves.

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Non-hazardous ingredients	Proprietary	80-90%
Ethyl Lactate	97-64-3	5-10%
Peppermint Oil	8006-90-4	1-5%

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. Get medical attention if irritation develops and persists.

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 immediate medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by a medical professional. Rinse mouth with water. Get medical attention.

Most important symptoms/effects, acute and delayed: Causes severe eye irritation or burns. Permanent damage may occur. Prolonged skin contact may cause irritation. May cause an allergic skin reaction. Inhalation of mists may cause mucous membrane and upper respiratory irritation.

Indication of immediate medical attention and special treatment, if necessary: If eye contact occurs, get immediate medical attention.

5. Firefighting Measures

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

Specific hazards arising from the chemical: Flammable liquid and vapor. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. Vapors may form explosive mixtures with air in confined areas.

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: Remove all ignition sources such as open flames, spark producing equipment, pilot lights, etc. Wear appropriate protective clothing to prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. Wear personal protective as described in Section 8. Ventilate area.

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

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.

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7. Handling and Storage

Precautions for safe handling: Avoid breathing vapors, aerosols and mists. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Always wear impervious gloves, chemical safety goggles and protective clothing when handling this material. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep product away from heat, sparks, flames and all other sources of ignition. No smoking in storage or use areas. Keep containers closed when not in use.

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.

8. Exposure Controls / Personal Protection

CHEMICAL	EXPOSURE LIMIT
Non-hazardous ingredients	None Established
Ethyl Lactate	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 to prevent prolonged skin contact.

Eye Protection: Chemical safety glasses or goggles are recommended to prevent 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: Clear, Particulate Free Liquid

Odor: Fresh Herbal.

Odor threshold: Not applicable	pH: Not available
Melting point/freezing point: Not applicable	Boiling point/ Boiling Range: Not available
Flash point: 51.1°C (124°F)	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not available	UEL: Not available
Vapor pressure: Not available	Vapor density: Not available
Relative density: 0.925-0.995 g/ml	Solubility in Water: Not available
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: Not determined

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 known.

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

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

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11. Toxicological Information

Inhalation: Inhalation of mist may cause irritation to the nose, throat and upper respiratory tract.
Skin Contact: May cause skin irritation on prolonged contact. May cause an allergic skin reaction.
Eye Contact: Causes severe eye irritation and possible burns. May cause eye damage on prolonged contact without flushing.
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.

Mutagenicity: Not classified

Reproductive Toxicity: Not classified.

Acute Toxicity Values:

Non-hazardous ingredients	No data available
Ethyl Lactate	LD50: Oral rat 8200 mg/kg LD50: Skin rabbit >5000 mg/kg
Peppermint Oil	LD50: Oral rat 2426 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: Ethyl Lactate: LD50 danio rerio 305-417 mg/L/96 h; EC50 daphnia magna 560-763 mg/L/48 h.
Peppermint oil is classified as toxic to aquatic organisms.

Persistence and degradability: Ethyl Lactate is readily biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: No data available

Other adverse effects: None known.

13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations.

14. Transport Information

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT (non-bulk packages)	-	Not Regulated			
IMDG	UN1993	Flammable liquid, n.o.s. (ethyl lactate, peppermint oil)	3	III	None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

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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.

California Proposition 65: This product contains the following substances known to the State of California to cause cancer and/or reproductive harm (birth defects): None.

16. Other Information

NFPA Rating (NFPA 704):	Health: 3	Fire: 2	Instability: 0
HMIS Rating:	Health: 3	Fire: 2	Physical Hazard: 0

SDS Revision History: None.

Date of preparation: August 6, 2019