



SAFETY DATA SHEET

Grower's Ally Fungicide Concentrate

1. Product and Company Identification

Product Name: Grower's Ally Fungicide 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: Biological fungicide and bactericide

Restriction on Use: Use only as directed

2. Hazards Identification

Classification:

Physical	Health
Not Hazardous	Eye Irritation Category 2A

Label Elements:

Warning!



Hazard statement(s)	Precautionary statement(s)
Causes serious eye irritation.	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 advice or attention.
Precautionary statement(s) Wash thoroughly after handling. Wear eye protection.	

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Water	7732-18-5	Proprietary
Lactose	63-42-3	Proprietary
Sodium Acetate	127-09-3	Proprietary
Sodium Benzoate	532-32-1	<10%
Potassium Sorbate	24634-61-5	<10%
Ethyl lactate	97-64-3	<3%
Citric Acid	77-92-9	1.07%

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4. First Aid Measures

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

Skin Contact: No first aid is required. Wash skin with soap and water. If irritation develops, get medical attention.

Eye Contact: Rinse thoroughly with water, while holding the eye lids open to be sure the material is washed out. Get medical attention if irritation persists.

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 serious eye irritation. Prolonged skin contact may cause mild irritation. Inhalation of mists may cause respiratory irritation.

Indication of immediate medical attention and special treatment, if necessary: Not required.

5. Firefighting Measures

Suitable (and unsuitable) extinguishing media: Use media appropriate for the surrounding fire.

Specific hazards arising from the chemical: This product is not flammable or combustible.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing to avoid eye and skin contact. Wear personal protective as described in Section 8.

Environmental hazards: Report spills and releases as required to appropriate authorities.

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: Do not contaminate water, food or feed by storage or disposal. Avoid breathing vapors, aerosols and mists. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Keep containers closed when not in use. Refer to product label for additional cautions and directions for use.

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

Conditions for safe storage, including any incompatibilities: Keep containers closed when not in use. Keep at room temperature, away from direct sun. Keep from freezing. Store in original container out of reach of children.

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8. Exposure Controls / Personal Protection

CHEMICAL	EXPOSURE LIMIT
Water	None Established
Lactose	None Established
Sodium Acetate	None Established
Sodium Benzoate	None Established
Potassium Sorbate	None Established
Ethyl lactate	None Established
Citric Acid	None Established

Ventilation: No special ventilation required.

Respiratory Protection: None required.

Gloves: If needed, 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: Applicators and other handlers must wear a long-sleeved shirt, long pants, and shoes plus socks. Keep and wash PPE separately from other laundry. Wash with hot water and detergent.

9. Physical and Chemical Properties

Appearance: Yellowish Liquid.

Odor: Slight Acidic.

Odor threshold: Not applicable	pH: 3.1-3.4
Melting point/freezing point: Not available	Boiling point/ Boiling Range: Not available
Flash point: Not applicable	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: None	UEL: None
Vapor pressure: Not available	Vapor density: Not available
Relative density: 1.07-1.09 g/ml	Solubility in Water: Complete
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.

11. Toxicological Information

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

Skin Contact: May cause mild skin irritation from prolonged contact.

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.

Mutagenicity: Not classified

Reproductive Toxicity: Not classified

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Acute Toxicity Values:

Water	No data available
Lactose	No data available
Sodium Acetate	LD50 Oral: >2,000 mg/kg LD50 Dermal: >2,000 mg/kg LD50 Inhalation: >5 mg/L
Sodium Benzoate	LD50 Oral: >2,000 mg/kg LD50 Dermal: >2,000 mg/kg LD50 Inhalation: >12.2 mg/L
Potassium Sorbate	LD50 Oral: >2,000 mg/kg LD50 Dermal: >2,000 mg/kg
Ethyl lactate	LD50 Oral: >2,000 mg/kg
Citric Acid	LD50 Oral: >2,000 mg/kg LD50 Dermal: >2,000 mg/kg

Respiratory or skin sensitization: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration Hazard: Not classified

12. Ecological Information

Ecotoxicity:

Sodium Acetate	LC50 (96 h) Danio rerio: >100 mg/L EC50 (48 h) Daphnia magna: >385.6 mg/L
Sodium Benzoate	LC50 (96 h) Pimephales promelas: 484 mg/L LC50 (96 h) Daphnia magna: >100 mg/L
Potassium Sorbate	LC50 (96 h) Danio rerio: 500 mg/L EC50 (48 h) Daphnia magna: 982 mg/L
Ethyl lactate	LC50 (96 h) Pimephales promelas: 284.3 mg/L
Citric Acid	LC50 (96 h) Leuciscus idus: 440 mg/L EC50 (48 h) Daphnia magna: 1535 mg/L

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

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Non-refillable container: Do not reuse or refill the container. Triple rinse container (or equivalent) promptly after emptying. 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	None	Not Regulated	None	None	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: 2	Fire: 0	Instability: 0
HMIS Rating:	Health: 2	Fire: 0	Physical Hazard: 0

SDS Revision History: New SDS.

Date of preparation: September 19, 2019