



SAFETY DATA SHEET

Grower's Ally Fungicide Ready To Use

1. Product and Company Identification

Product Name: Grower's Ally Fungicide Ready To Use

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: None known.

2. Hazards Identification

Classification:

Physical	Health
Not Hazardous	Not Hazardous

Label Elements:

None required

Hazard statement(s)	Precautionary statement(s)
None	None

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Water	7732-18-5	98%
Lactose	63-42-3	Proprietary
Sodium Acetate	127-09-3	Proprietary
Sodium Benzoate	532-32-1	<0.2 %
Potassium Sorbate	24634-61-5	<0.2 %
Ethyl lactate	97-64-3	<0.06%
Citric Acid	77-92-9	0.02%

4. First Aid Measures

Inhalation: No adverse effects expected. If inhaled, remove exposed person to fresh air. If irritation or other symptoms persist, get medical attention.

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

Eye Contact: Flush eyes with large quantities of water, holding the eyelids apart. If irritation persists consult a physician.

Ingestion: No adverse effects expected. If large amounts are swallowed or if irritation or discomfort occurs, get medical attention.

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Most important symptoms/effects, acute and delayed: Direct eye contact may cause mild eye irritation. Prolonged skin contact may cause 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: Avoid contact with eyes, skin and clothing. Wear personal protective as described in Section 8.

Environmental hazards: 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 contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Keep containers closed when not in 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.

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: None required.

Eye Protection: None required.

Other Protective Equipment/Clothing: None required.

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9. Physical and Chemical Properties

Appearance: Yellowish Liquid.

Odor: Slight Acidic.

Odor threshold: Not applicable	pH: Not available
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: Not available	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: None known.

Hazardous decomposition products: None known.

11. Toxicological Information

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

Skin Contact: May cause skin irritation from prolonged contact.

Eye Contact: May cause mild 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

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

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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

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.

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.

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16. Other Information

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

SDS Revision History: None.

Date of preparation: September 19, 2019