



## SAFETY DATA SHEET

### Earth's Ally Disease Control Ready To Use

#### 1. Product and Company Identification

**Product Name:** Earth's Ally Disease Control Ready To Use

**Manufacturer:** Sarasota Green Group  
6801 Energy Court, Suite 201  
Sarasota, FL 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.

<b>Odor threshold:</b> Not applicable	<b>pH:</b> Not available
<b>Melting point/freezing point:</b> Not available	<b>Boiling point/ Boiling Range:</b> Not available
<b>Flash point:</b> Not applicable	<b>Evaporation rate:</b> Not available
<b>Flammability (solid, gas):</b> Not applicable	
<b>Flammable limits: LEL:</b> None	<b>UEL:</b> None
<b>Vapor pressure:</b> Not available	<b>Vapor density:</b> Not available
<b>Relative density:</b> Not available	<b>Solubility in Water:</b> Complete
<b>Partition coefficient: n-octanol/water:</b> Not available	<b>Auto-ignition temperature:</b> Not available
<b>Decomposition temperature:</b> Not available	<b>Viscosity:</b> 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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## Earth's Ally Disease Control Ready To Use

<b>16. Other Information</b>
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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