

**SAFETY DATA SHEET**  
 Earth's Ally Weed & Grass Killer Concentrate

**1. Product and Company Identification**

**Product Name:** Earth's Ally Weed & Grass Killer Concentrate

**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:** Herbicide (EPA 25B)  
**Restriction on Use:** None known.

**2. Hazards Identification**

**Classification:**

Physical	Health
Not Classified	Eye Irritation Category 2A Specific Target Organ Toxicity Single Exposure Category 3 (Respiratory irritant)

**Label Elements:**

**Warning!**



**Hazard statement(s)**

Causes serious eye irritation.  
 May cause respiratory irritation.

**Precautionary statement(s)**

Avoid breathing dust.  
 Use only outdoors or in a well-ventilated area.

**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 inhaled: Remove person to fresh air and keep comfortable for breathing.  
 Call a POISON CENTER or doctor if you feel unwell.  
 Store in a well-ventilated place. Keep container tightly closed.  
 Store locked up.  
 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	60-70%
Citric Acid	77-92-9	20-30%
Sodium Citrate	994-36-5	1-<10%

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The specific identity and/or exact percentage of composition have been withheld as a trade secret.

### 4. First Aid Measures

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

**Skin Contact:** Rinse thoroughly with water. Get medical attention if irritation or symptoms of exposure develop. Remove and launder contaminated clothing before re-use.

**Eye Contact:** Flush eyes thoroughly with water for several minutes, while holding the eyelids apart. Remove contact lenses if easy to do so and continue flushing for several more minutes. Get medical attention if irritation persists.

**Ingestion:** Do NOT induce vomiting. Rinse mouth with water if person is alert. Get medical attention.

**Most important symptoms/effects, acute and delayed:** May cause moderate eye irritation. Contact with dust may cause mechanical skin irritation. Inhalation of dust may cause irritation of the nose, throat, and upper respiratory irritation.

**Indication of immediate medical attention and special treatment, if necessary:** Immediate medical attention is not generally required.

### 5. Firefighting Measures

**Suitable (and unsuitable) extinguishing media:** Use media appropriate for surrounding fire. Do not use solid water jet as that may create a dust cloud.

**Specific hazards arising from the chemical:** This product is not classified as combustible. Under fire conditions, this product may release oxides of carbon and unknown materials.

**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. Powders that become wet may cause surfaces to be extremely slippery and cause a slip hazard.

### 6: Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:** Avoid generating air-born dust. Keep away from extreme heat and flames. Wear personal protective equipment as described in Section 8. Ventilate area. Powders that become wet may cause surfaces to be extremely slippery and present a slip hazard.

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

**Methods and materials for containment and cleaning up:** Scoop or shovel up using methods that minimize the generation of airborne dust. Dust deposits should not be allowed to accumulate on surfaces. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Place dry material into an appropriate container for disposal. Wipe spill area with a damp cloth.

### 7. Handling and Storage

**Precautions for safe handling:** Avoid generating or breathing dust. Avoid contact with the eyes and skin. Use with adequate ventilation. Wash thoroughly after handling. Do not eat, drink, or smoke in the work area. Keep containers closed when not in use. Keep dust away from heat and flames. Follow good housekeeping practices to keep surfaces, including areas overhead such as piping, drop ceilings, ductwork, etc. free from settled dust.

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

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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.

### 8. Exposure Controls / Personal Protection

CHEMICAL	EXPOSURE LIMIT
Non-hazardous ingredients	None Established
Citric Acid	None Established
Sodium Citrate	None Established

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

**Respiratory Protection:** If needed, an approved respirator with dust 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 goggles or dust 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:** White powder

**Odor:** Odorless

<b>Odor threshold:</b> Not applicable	<b>pH:</b> Not applicable
<b>Melting point/freezing point:</b> Not available	<b>Boiling point/ Boiling Range:</b> Not applicable
<b>Flash point:</b> Not applicable	<b>Evaporation rate:</b> Not applicable
<b>Flammability (solid, gas):</b> Not combustible	
<b>Flammable limits: LEL:</b> Not applicable	<b>UEL:</b> Not applicable
<b>Vapor pressure:</b> Not applicable	<b>Vapor density:</b> Not applicable
<b>Relative density:</b> Not available	<b>Solubility in Water:</b> Not available
<b>Partition coefficient: n-octanol/water:</b> Not applicable	<b>Auto-ignition temperature:</b> Not applicable
<b>Decomposition temperature:</b> Not applicable	<b>Viscosity:</b> Not applicable

### 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:** Keep away from heat and flames. Avoid hygroscopic conditions and dust formation.

**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:** Dust may cause irritation to nose, throat, and upper respiratory tract.

**Skin Contact:** Contact with dust may cause skin irritation.

**Eye Contact:** Dust may cause moderate 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:**

Non-hazardous ingredients	No data available
Citric Acid	LD50: Oral mouse 5400 mg/kg LD50: Skin rat >2000 mg/kg
Sodium Citrate	No data available

**Respiratory or skin sensitization:** Not classified

**STOT-single exposure:** Not classified

**STOT-repeated exposure:** Not classified

**Aspiration Hazard:** Not classified

### 12. Ecological Information

**Ecotoxicity:** Citric Acid: 96 hr LC50 *Lepomis macrochirus* 1516 mg/L

**Persistence and degradability:** Citric Acid 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
<b>DOT (non-bulk packages)</b>	None	Not Regulated	None	None	None
<b>IMDG</b>	None	Not Regulated	None	None	None

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

**Special Precautions for User:** Not applicable

### 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](http://www.P65Warnings.ca.gov).

### 16. Other Information

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## Earth's Ally Weed & Grass Killer Concentrate

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

<b>SDS Revision:</b>	New SDS
<b>Supersedes:</b>	None
<b>Date of preparation:</b>	January 12, 2023