



SAFETY DATA SHEET

Earth's Ally Weed & Grass Killer Ready To Use

1. Product and Company Identification

Product Name: Earth's Ally Weed & Grass Killer 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: Pesticide

Restriction on Use: Use only as directed

2. Hazards Identification

Classification:

Physical	Health
Not Hazardous	Eye Irritation Category 2A Skin Irritation Category 2

Label Elements:

Warning!



Hazard statement(s)

Causes skin irritation.
Causes serious eye irritation.

Precautionary statement(s)

Wash thoroughly after handling.
Wear eye protection and protective gloves.

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 advice or attention.
IF ON SKIN: Wash with plenty of water.
If skin irritation persists: Get medical advice or attention. Take off contaminated clothing and wash it before reuse.

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Non-hazardous ingredients	Proprietary	80-100%
Acetic Acid	64-19-7	0-5%

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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: Rinse thoroughly with water, while holding the eye lids open to be sure the material is washed out. Get medical attention if irritation occurs and 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 skin irritation. Causes serious eye irritation. Inhalation of mist or vapors may cause respiratory tract 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 prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. 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: 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. 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
Non-hazardous ingredients	None Established
Acetic Acid	10 ppm TWA OSHA PEL 10 ppm TWA ACGIH TLV

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

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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: Liquid.

Odor: Vinegar Odor.

Odor threshold: Not applicable	pH: 2.01
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: 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: Causes skin irritation.

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

Acute Toxicity Values:

Non-hazardous ingredients

No data available

Acetic Acid:

LD50: Oral Rat 3310 mg/kg

LC50: Inhalation Rat 40000 mg/m³ 4 hr

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:

Acetic Acid: LC50: Fathead minnow (*Pimephales promelas*) 79 mg/L/96 hr
EC50: *Daphnia magna* 6000 mg/L/24 hr

Persistence and degradability: Acetic 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
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 has an RQ of 100,000 (based on the RQ of Acetic Acid of 5,000 lbs present at 0-5%). Some states have more stringent reporting requirements. Report all spills in accordance with local, state and federal 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: August 2, 2019