

ENFORCER Products, Inc.  
P.O. Box 1060  
Cartersville, GA 30120  
1-888-805-HELP

## Material Safety Data Sheet AND SAFE HANDLING DISPOSAL INFORMATION

### Section 1. Chemical Product and Company Identification

**Product name** Roots & All Ultimate Grass and Weed Killer Super Concentrate

**Product Code** ULTSC4132

**Formula No.** EPA Reg. No. 67760-49-40849

**Date of issue** 03/25/02 **Version** 1.0

**Emergency telephone number** For MSDS Information:  
Compliance Services, 404 352 1680

For a Medical Emergency: Toll Free  
INFOTRAC, 877 541 2016 (Calls Recorded)

For a Transportation Emergency: Toll Free  
CHEMTREC, 800 424 9300 (Calls Recorded)

**Prepared by** Acuity Specialty Products Group  
1420 Seaboard Industrial Blvd.  
Atlanta, GA 30318

### Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
1) Glyphosate isopropylamine salt	38641-94-0	35-45	Not available.

### Section 3. Hazards Identification

#### Acute Effects

**Routes of Entry** Inhalation. Ingestion.

**Eyes** Slightly hazardous in case of eye contact (irritant).

**Skin** May be slightly irritating in case of skin contact.

**Inhalation** Slightly hazardous in case of inhalation.

**Ingestion** May be harmful if swallowed. Ingestion may cause gastrointestinal irritation and diarrhea.

**Chronic Effects** Repeated or prolonged exposure is not known to aggravate medical condition.

**Carcinogenic Effects** Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

See Toxicological Information (section 11)

#### HMIS

	1
	0
	0
Personal Protection	B

### Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

**Skin Contact** Wash with soap and water. Get medical attention if irritation develops.

**Inhalation** If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Ingestion** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

### Section 5. Fire Fighting Measures

**Flash Point** Not applicable. **Flammable Limits** Not applicable.

**Flammability** Not applicable. **Fire Hazard** Not applicable.

**Fire-Fighting Procedures** Not applicable.



### Section 6. Accidental Release Measures

**Spill Clean up** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

---

## Section 7. Handling and Storage

<b>Handling</b>	Avoid contact with eyes. Wash thoroughly after handling. Do not apply directly to water or wetlands.
<b>Storage</b>	Keep container tightly closed and sealed until ready to use. Stainless steel may be used, however do not use or store in galvanized or unlined steel containers. Store above 40°F and below 120°F.

---

## Section 8. Exposure Controls, Personal Protection

### Personal Protection

### Protective Clothing (Pictograms)

<b>Eyes</b>	Safety glasses.
<b>Body</b>	Protective gloves should be worn under normal conditions of use.
<b>Respiratory</b>	A respirator is not needed under normal and intended conditions of product use.

---



## Section 9. Physical and Chemical Properties

<b>Physical State</b>	Liquid.	<b>Color</b>	Yellow.
<b>pH</b>	4.5 - 5.0	<b>Odor</b>	Amine like. (Slight.)
<b>Boiling Point</b>	>100°C (212°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	1.16 (Water = 1)	<b>Vapor Density</b>	Not available.
<b>VOC (Consumer)</b>	0 (g/l).	<b>Evaporation Rate</b>	Not available.
<b>Solubility</b>	Miscible in water.		

---

## Section 10. Stability and Reactivity

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Reactive with oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon oxides (CO, CO <sub>2</sub> ) and nitrogen oxides (NO, NO <sub>2</sub> ...)
<b>Hazardous Polymerization</b>	Will not occur.

---

## Section 11. Toxicological Information

<b>Toxicity to Animals</b>	Not applicable.
<b>Chronic Effects on Humans</b>	No evidence of risk in humans.

---

## Section 12. Ecological Information

<b>Ecotoxicity</b>	Not available.
<b>Biodegradable/OECD</b>	Not available.

---

## Section 13. Disposal Considerations

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste Stream</b>	N/A

**Consult your local or regional authorities.**

---

## Section 14. Transport Information

<b>Proper shipping name</b>	Not regulated
<b>DOT Classification</b>	Not a DOT controlled material (United States).
<b>UN number</b>	Not applicable.

---

<b>TDG Classification</b>	Not controlled under TDG (Canada).
---------------------------	------------------------------------

---

## Section 15. Regulatory Information

<b>U.S. Federal Regulations</b>	SARA 313 toxic chemical notification and release reporting: No products were found. Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.
---------------------------------	--

---

<b>State Regulations</b>	California prop. 65: No products were found.
--------------------------	--

---

<b>WHMIS (Canada)</b>	CLASS D-2B: Material causing other toxic effects (TOXIC).
-----------------------	---

---

## Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*