

# Safety Data Sheet

## Round One

### Section 1 Identification

**Trade Name:** Round One  
**Product Identification:** 6668  
**Synonyms:** Glyphosate weed killer  
**Product Use Description:**  
Herbicide

**General Info Phone:** (770) 968-9222  
**Emergency Phone:** (800) 535-5053

**Supplier:**  
**AERO CHEMICAL COMPANY**  
6970 JONESBORO RD  
Morrow, GA 30260

### Section 2 Hazards Identification

#### Classifications

Eye Irritation - Category 2B

**Signal Word:** Warning

#### Hazard Statements

Keep out of reach of children.  
Read label and SDS before use.  
Causes eye irritation

#### Precautionary Statements

##### Prevention

Wash hands thoroughly after handling.  
Wear eye protection.

##### Response

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.

#### Hazards Not Otherwise Specified

Not applicable

### Section 3 Composition

<u>Chemical Name</u>	<u>CAS #</u>	<u>Concentration</u> <u>% by Weight</u>
Glyphosate	38641-94-0	>=17 <= 19

### Section 4 First Aid

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### EMERGENCY OVERVIEW

**WARNING:** May be harmful if swallowed. Eye irritant.

**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.

**SKIN:** Wash with plenty of soap and water.

**INHALATION:** Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

**INGESTION:** May be harmful if swallowed. Seek medical attention immediately.

## Section 5 Fire Fighting Measures

### **Suitable fire extinguishing media:**

Use water spray, fog or foam.

### **Specific hazards arising from the chemical:**

Containers may build pressure and rupture.

### **Hazardous thermal decomposition products:**

Carbon Dioxide, Carbon Monoxide

### **Specific fire-fighting methods:**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

### **Special protective equipment for fire fighters:**

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

## Section 6 Accidental Release Measures

### **Personal precautions:**

Put on appropriate personal protective equipment (see section 8)

### **Environmental precautions and clean-up methods:**

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

## Section 7 Handling and Storage

Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Keep out of reach of children.

## Section 8 Exposure Controls/Personal Protection

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**Eye Protection:** Wear safety glasses or goggles.

**Skin Protection:** To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

**Respiratory Protection:** When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

**Engineering Controls:** Good general ventilation required.

### Section 9 Physical and Chemical Properties

Property	Value		
Appearance	LIGHT AMBER LIQUID	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	PURPLE
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	NONE	Melting/Freezing Point	NOT AVAILABLE
Odor	ODORLESS	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 0	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	1.07	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE	pH	5 - 7

### Section 10 Stability and Reactivity

<b>Reactivity :</b>	Reacts with steel (except stainless steel) to produce flammable hydrogen gas.
<b>Chemical Stability :</b>	Stable under normal conditions.
<b>Incompatible Materials :</b>	Acids, bases and strong oxidizers.
<b>Conditions to Avoid :</b>	High temperatures
<b>Decomposition Products:</b>	CO, CO <sub>2</sub> , nitrogen, phosphorous.

### Section 11 Toxicological Information

**Primary Route of Entry:** Skin and eye contact

**Acute/Potential Health Effects:**

**EYES:** May cause eye irritation. Symptoms include stinging, tearing and redness.

**SKIN:** May cause skin irritation.

**INHALATION:** High vapor concentrations may be irritating to respiratory tract.

**INGESTION:** May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

**Chronic / Long Term Effects:** Repeated overexposure to glyphosate may decrease body weight gains and effects to liver.

**Target Organ Effects:** Liver.

**Reproductive Toxicity:** In laboratory animal studies with glyphosate, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals.

**Developmental Toxicity:** In animal studies, glyphosate did not cause birth defects in animals; other effects were seen in the fetus only at doses which caused toxic effects to the mother.

**Carcinogenic Information:** This material is not listed as a carcinogen by NTP or OSHA. Prolonged overexposure to glyphosate may cause effects to the liver. EPA has given glyphosate a Group E classification (evidence of noncarcinogenicity in humans).

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Canada PMRA has classified glyphosate as non-carcinogenic. In 2015 IARC classified glyphosate as a probable human carcinogen Group 2A based on limited human evidence and some evidence in animals.

### Acute Toxicity Values:

Data from laboratory studies on a substantially similar but not identical product:

Oral: Rat LD50: >5,000 mg/kg

Dermal: Rat LD50: >5,000 mg/kg

Inhalation: Rat 4-hr LC50: >2.05mg/l (no mortality at highest dose tested)

## Section 12 Ecological Information

Data on Glyphosate IPA

96-hour LC50 Rainbow Trout: >1000 mg/l

48-hour EC50 Daphnia: 930 mg/l

72-hour ErC50 Algae: 166 mg/l

Data on Glyphosate Acid:

96-hour LC50 Bluegill: 120 mg/l Bobwhite Quail Acute Oral LD50: >3,851 mg/kg

96-hour LC50 Rainbow Trout: 786 mg/l Bobwhite Quail 5-day Dietary LC50: >4,640 ppm

48-hour EC50 Daphnia: 780 mg/l Mallard Duck 5-day Dietary LC50: >4,640 ppm

96-hour EC50 Diatoms: 1.3 mg/l

14-day EC50 Duckweed: 25.5 mg/l

72-hour EC50 Algae: 450 mg/l

## Section 13 Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

## Section 14 Transport Information

Not regulated

## Section 15 Regulatory Information

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

**Title III Section 311/312** Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic ( ) Fire ( ) Pressure ( ) Reactive ( ) Not Applicable ( )

**T.S.C.A. Status:** All chemical substances found in this product comply with the Toxic Substances Control Act inventory

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reporting requirements.

**RCRA Status:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

None

### EPA FIFRA INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use. CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

## Section 16 Other Information

### HMIS Ratings :

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	B

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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