

# MATERIAL DATA SAFETY SHEET

BIG RIVERS AGRI SUPPLY



Updated: May 28, 2009  
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**Product Name: GLY-AD ULTRA™ - liquid ams + defoamer**

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Gly-Ad Ultra**  
Manufactured for: **BIG RIVERS AGRI SUPPLY**  
2760 KELLER ROAD  
OWENSBORO, KY 42301

Emergency telephone number: (Chemtrec Information 24 hours) 1-800-424-9300  
For MSDS, Product Safety, or (Technical Support on Product) 1-888-786-4537  
Regulatory inquiries, call:

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% By Wt.</u>
Ammonium Sulfate	7783-20-2		N/E	34
Defoamer (Silicone)	N/A		N/E	<0.5
Other Ingredients	N/A		N/E	<65.5

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

HMIS Hazard Rating:

**2** Health Hazard Rating  
**1** Flammability Rating  
**0** Reactivity Rating  
**B** Personal Protection

### Primary Routes of Exposure:

Eyes: **Yes** Skin: **Yes**

### Signs and Symptoms of Exposure:

Eye contact: Irritation could result.  
Skin contact: Irritation could result.

## 4. FIRST AID MEASURES

### FIRST AID MEASURES FOR ACCIDENTAL EXPOSURE

**Eye Exposure:** Flush with water for 15 minutes. Seek medical attention if irritation persists.

**Skin Exposure:** Flush with copious amounts of soap and water for 15 minutes. Seek medical attention if irritation occurs.

**Inhalation:** Remove person to fresh air. If cough or other respiratory symptoms develop, seek medical attention.

**Ingestion:** **Do not induce vomiting unless directed to do so by medical personnel.** Treat symptomatically and supportively. Get medical attention immediately. Never give anything by mouth to an unconscious person.

## 5. FIRE-FIGHTING MEASURES

### FIRE HAZARD DATA:

**Flash Point:** >200°F (noncombustible)  
**Extinguishing Media:** Water spray, foam solution, CO<sub>2</sub>, dry chemical  
**Special Fire Fighting Procedures:** Assure self-contained breathing apparatus is worn. Fight fire from upwind. Prevent run-off if possible.

## 6. ACCIDENTAL RELEASE MEASURES

Assure proper protective equipment is worn. Prevent run off if possible. Pick up spills with absorbent material and place in suitable containers.

## 7. HANDLING AND STORAGE

**Precautions to be Taken in Handling:** Avoid contact with skin and eyes.

**Precautions to be Taken in Storage:** Keep material in original containers. Store away from foodstuffs.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye Protection:** Chemical splash goggles

**Skin Protection:** Impervious rubber gloves.

**Inhalation Protection:** Normally none required. General ventilation recommended.

**Other Protection:** Coveralls, long-sleeved shirt, rubber boots.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical Appearance & Odor:** Clear liquid, slight odor

**Boiling Point:** 212°F (100°C)

**pH:** 6.2

**Solubility in Water:** Complete.

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Incompatibility:** Oxidizers, acids and alkalis.

**Hazardous Decomposition Products:** Oxides of nitrogen and sulfur.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Extreme temperature.

## 11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

## 12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** Dispose of in accordance with local, federal, and state regulations.

## 14. TRANSPORT INFORMATION

**DOT Status (Highway and rail):** Not regulated. "Agricultural Spray Adjuvant, Liquid, N.O.S."

## 15. REGULATORY INFORMATION

**SARA HAZARD:** None.

**AICS (Australia):** Components listed.

**DSL (Canada):** Components listed.

**EINECS (Europe):** Components listed.

**TSCA:** Components listed.

**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, BIG RIVERS AGRI SUPPLY MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established