

MATERIAL SAFETY DATA SHEET

AMS PREMIUM LIQUID

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Issue Date: 06/07

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

AMS PREMIUM LIQUID

Common Name: Adjuvant.

Chemical Description: Liquid mixture of ammonium sulfate and surfactants.

TSCA/CAS No.: This product is a mixture — there is no specific CAS number.

Manufactured By

COMPTON AG SERVICES, LLC

2850 S. Peart Rd

Casa Grande, AZ 85293

Emergency Phone Numbers

Emergency Telephone: DAYS: (520) 836-7477 EVES: (520) 836-6866

EPA National Response Center: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
Ammonium sulfate	7783-20-2	34.0	*N.E.	*N.E.

* N.E. - Not Established.

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Tan liquid with slight petroleum odor. Causes moderate eye irritation. Avoid heat. Hydrogen cyanide and ammonia may be released if product is exposed to fire. Contact with strong oxidizers may cause fire or explosion. Not D.O.T. regulated.

HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 1
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 4. FIRST AID

- Eyes: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a Poison Control Center or doctor for treatment advice.
- Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Consult a physician if irritation persists.
- Ingestion: If conscious and alert, give 2 glasses of water to drink for dilution. Contact physician or Poison Control Center. Never give anything by mouth to an unconscious person.
- Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

SECTION 5.	FIRE AND EXPLOSION HAZARDS
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Flash Point:	>200°F.
Test Method:	Not available.
LEL Flammable Limits:	Not available.
UEL Flammable Limits:	Not available.
Autoignition Temperature:	Not available.
Flammability Classification:	None.
Known Hazardous Products of Combustion:	None.
Properties that Initiate/Contribute to Intensity of Fire:	None.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	None.
Unusual Fire & Explosion Hazards:	Hydrogen cyanide and ammonia may be released if product is exposed to fire. Contact with strong oxidizers may cause fire or explosion.
Extinguishing Media:	Foam, CO ₂ , dry chemical, water.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6.	SPILLS AND LEAKS
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Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary.

SECTION 7.	STORAGE AND HANDLING
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Storage:	Store in plastic or stainless steel container in a cool, well-ventilated, dry place at temperatures above 40°F. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Causes moderate eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Do not contaminate feed and foodstuffs.

SECTION 8.	PERSONAL PROTECTIVE EQUIPMENT
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Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Impervious gloves and clothes.
Respiratory:	Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Tan liquid.
Odor:	Slight alcohol odor.
pH:	6.4 – 7.4
Vapor Pressure:	2.3 kPa @ 20 °C (approx).
Vapor Density (Air=1):	Not available.
Boiling Point:	Not available.
Freezing Point:	Not available.
Water Solubility:	100%.
Density:	9.6 – 10.4 lbs./gal.
Evaporation Rate:	Not available.
Viscosity:	Not available.
% Volatile:	Not available.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions To Avoid:	Heat.
Incompatibility:	Strong oxidizing agents, liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite.
Hazardous Decomposition Products:	Ammonia and oxides of sulfur.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTSAcute Effects:

Eyes:	Moderate irritant. May cause redness and burning.
Skin:	Mild irritant. May cause redness, drying and cracking. The dermal LD ₅₀ for rats is >5,000 mg/kg.
Ingestion:	No to low toxicity if swallowed. The oral LD ₅₀ for rats is >5,000 mg/kg.
Inhalation:	Vapors may irritate respiratory system.

Subchronic Effects: None known.

Chronic Effects: None known.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Not known.
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not known.

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents in accordance with state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

SECTION 14. TRANSPORTATION

D.O.T. Proper Shipping Description:	Not D.O.T. Regulated.
Other Shipping Information:	Adhesives, Adjuvants, Spreaders or Stickers, Liquid. NMFC Item 4612, LTL Class 60

SECTION 15. REGULATORY INFORMATION

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: Ammonium sulfate (34.0%)

PROPOSITION 65 (CA): None.

SECTION 16. OTHER

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.