

## MATERIAL SAFETY DATA SHEET

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**PRODUCT NAME:** LIQUID AMS 8-0-0 P.1

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**MANUFACTURER:** CUSTOM AGRICULTURAL FORMULATORS  
P.O. Box 26104  
Fresno, CA 93729

**EMERGENCY PHONE NO:** (559) 435-1052

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### I. HAZARDOUS INGREDIENTS

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PROPRIETARY MIXTURE OF AMMONIUM SULFATE SOLUTION

COMPONENT	CAS NO	%
AMMONIUM SULFATE	7783-20-2	>40

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### II. PHYSICAL AND CHEMICAL CHARACTERISTICS

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**STABILITY:** STABLE  
**SOLUBILITY:** SOLUBLE  
**APPEARANCE:** CLEAR LIQUID  
**SPECIFIC GRAVITY:** 1.66  
**INCOMPATIBILITY:** AVOID OXIDIZERS, AND CONTACT WITH ZINC-CLAD, COPPER. AND COPPER-BEARING MATERIALS

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### III. FIRE AND EXPLOSION DATA

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**FLASH POINT:** NON-FLAMMABLE  
**AUTOIGNITION:** N/A  
**EXTINGUISHING MEDIA:** MEDIA AS NEEDED TO CONTROL PRIMARY SOURCE OF FIRE  
**SPECIAL FIREFIGHTING:** WEAR RESPIRATOR, CONTAIN RUNOFF. FIREMAN'S  
**PROCEDURES:** GEAR MAY BE INADEQUATE DUE TO PHOSPHORIC ACID. REACTIONS WITH METALS MAY RELEASE HYDROGEN GAS (FLAMMABLE). THERMAL DECOMPOSITION PRODUCTS ARE HAZARDOUS AND/OR TOXIC.

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### III. PHYSIOLOGICAL & HEALTH EFFECTS

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**ACUTE HEALTH EFFECTS:** PRODUCT MAY CAUSE EYE, SKIN AND GASTROINTESTINAL IRRITATION. INGESTION OF LARGE AMOUNTS MAY IRRITATION.  
**CHRONIC HEALTH EFFECTS:** MAY CAUSE EYE, SKIN, RESPIRATORY AND DIGESTIVE TRACT IRRITATION, DEPENDING UPON THE CONCENTRATION. INGESTION OF LARGE OR CONCENTRATED AMOUNTS. THE SULFATE ION MAY CAUSE PURGING  
**POTENTIAL CARCINOGEN DATA:** INGREDIENTS NOT LISTED

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### IV. EMERGENCY & FIRST AID PROCEDURES

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**EYES:** WASH EYES FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEE A PHYSICIAN.

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**SKIN:** WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION OR SYMPTOMS PERSIST, SEE A PHYSICIAN.

**INHALATION:** INHALATION OF SPRAY MIST MAY BE IRRITATING TO RESPIRATORY TRACT. MAY CAUSE NAUSEA.

**INGESTION:** NOT GENERALLY CONSIDERED TOXIC (ORAL-RAT LD50:3000 mg/kg FOR DRY AMMONIUM SULFATE). IF SWALLOWED, IRRITATION MAY DEVELOP IN THE MOUTH, ESOPHAGUS, STOMACH, ETC. THE SULFATE ION MAY CAUSE PURGING.

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#### V. SPECIAL PROTECTIVE INFORMATION

**EYE PROTECTION:** TO MINIMIZE EYE CONTACT, WEAR GOGGLES WHILE HANDLING THIS PRODUCT.

**SKIN PROTECTION:** TO MINIMIZE SKIN CONTACT, WEAR FULL LENGTH CLOTHING AND RUBBER GLOVES WHILE HANDLING THIS PRODUCT.

**RESPIRATORY PROTECTION:** AVOID BREATHING SPRAY MIST. INHALATION MAY BE MINIMIZED BY WEARING AN APPROVED RESPIRATOR.

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#### VI. ENVIRONMENTAL PROTECTION

**ENVIRONMENTAL IMPACT:** THIS PRODUCT, WHEN USED AS DIRECTED BY THE LABEL, IS NOT EXPECTED TO HAVE ANY SIGNIFICANT IMPACT ON THE ENVIRONMENT.

**PRECAUTIONS IF MATERIAL IS RELEASED OR SPILLED:** CONTAIN SPILL. ABSORB IN INERT MATERIAL. PLACE IN DISPOSABLE CONTAINER. FLUSH CLEANED AREA WITH WATER TO DILUTE TO HARMLESS SOLUTION.

**WASTE DISPOSAL METHODS:** DISPOSE OF WASTE MATERIALS AND CONTAINERS ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

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#### VII. SPECIAL PRECAUTIONS

READ AND OBSERVE ALL PRECAUTIONS ON THE PRODUCT LABEL. KEEP PRODUCT IN ORIGINAL CONTAINER. DATE PREPARED: 09/10/03

THE ABOVE INFORMATION IS BASED ON DATA OF WHICH WE ARE AWARE AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREON. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATIONS OF THIS INFORMATION, WE DO NOT ASSUME ANY RESPONSIBILITY FOR THE RESULTS OF ITS USE. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR HIS PARTICULAR PURPOSE.