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MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME:	AMSol	
REVISION DATE:	12/7/04	
TRANSPORTATION:	EMERGENCY PHONE NUMBER (CHEMTRAC) :	800 424 9300
CHEMICAL NAME:	34% AMS Solution (Ammonium Sulfate)	

SECTION 1 HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS	AMOUNT
Sulfuric Acid Diammonium	7783-20-3	34% v/v

SECTION 2 FIRE & EXPLOSION HAZARDS

FLASH POINT, °F :	N/D
FLAMMABLE LIMITS:	May burn or smolder
EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical or foam
SPECIAL FIREFIGHTING PROCEDURES:	Water may create a slip hazard with product.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Dust in sufficient concentration may result in an explosive mixture in air.

SECTION 3 HEALTH HAZARD DATA

ORAL TOXICITY:	Low oral toxicity.
EYE IRRITATION:	Moderate irritation.
SKIN IRRITATION:	NA
PERMISSIBLE CONCENTRATIONS:	NA
CHRONIC EFFECTS OF OVEREXPOSURE:	No data available.
ACUTE TOXICOLOGICAL PROPERTIES:	Moderate irritation.

EMERGENCY FIRST AID PROCEDURES:

SKIN:	Immediately flush with large quantities of water for at least 15 minutes.
EYE:	Immediately flush with large quantities of water for at least 15 minutes.
INHALATION:	Remove to fresh air. If breathing is difficult, give oxygen and call a physician.
ORAL:	If swallowed, call a physician.
ADDITIONAL:	N/D

SECTION 4 SPECIAL PROTECTION INFORMATION

VENTILATION PROCEDURE:	Local, mechanical, special.
GLOVE PROTECTION:	Rubber or plastic, solvent resistant.
EYE PROTECTION:	Chemical safety goggles.
OTHER PROTECTION:	Neoprene protective type apron.

SECTION 5 PHYSICAL DATA

VAPOR PRESSURE:	No data available	VAPOR DENSITY:	N/D
SPECIFIC GRAVITY:	@ 20°C 1.2	EVAPORATION RATE:	N/D
WATER SOLUBILITY:	Soluble	ODOR:	odorless
PERCENT VOLATILE:	70	APPEARANCE:	Clear liquid
COLOR:	Clear	pH	6
FORM:	Liquid		

N/D = No Data Available

SECTION 6 STABILITY

STABILITY:	Product is stable under normal conditions.
INCOMPATIBILITY:	Keep away from strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.
POLYMERIZATION:	Not applicable.
THERMAL DECOMPOSITION:	may produce oxides of carbon and nitrogen, various hydrocarbons, and /or ammonia which may be irritating or harmful.
CONDITIONS TO AVOID:	Avoid wet and humid conditions

SECTION 7 SPILL OR LEAK PROCEDURES

SPILL PROCEDURES:	Absorb with an inert material such as sand, soil or vermiculite; and sweep up and dispose in accordance with federal, state and local regulations.
WASTE DISPOSAL:	Dispose of in accordance with all applicable federal, state and local regulations.

SECTION 8 SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS:	Precautions to be taken in handling and storage: Store above -5 degrees F.
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SECTION 9 TRANSPORTATION AND LABELING

DOT PROPER SHIPPING NAME:	Fertilizer
DOT HAZARD CLASS:	Not hazardous

SECTION 10 OTHER REGULATOR INFORMATION

SECTION 313 (Title III Superfund Amendment and Reauthorization Act) .

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372

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N/D = No Data Available

N/A = Not Applicable