

MATERIAL SAFETY DATA SHEET

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I. Product Identification

Product Name : Ammonium Sulfate
Alternate Names : Ammonium Sulphate ; Diammonium Sulfate;
Sulfuric Acid Diammonium Salt
Chemical Description: Inorganic Salt
Cas No. 7783-20-2

II. Hazards Identifications/Health Hazard Data

Hazard Communication Status: Not applicable
Acute Health Effects: Irritating to eyes, upper respiratory tract, and moist areas of the body.
Chronic Health Effects: No known chronic health effects.
CERCLA: No
Hazards Information Data: NFPA
Health 1
Flammability 0
Reactivity 0

III. First Aid

Eye Contact: Immediately flush with water for at least 15 minutes.
Skin Contact: Wash with soap and large quantity of water.
Inhalation: Remove to fresh air.
Ingestion: If conscious, give plenty of water.
DO NOT induce vomiting. Get medical attention.

IV. Fire and Explosion Hazard Data

Flash Point : This product is not combustible.
Extinguishing Media : Use water spray or water flooding.
Special Fire fighting Procedures : In fire conditions, wear full protective clothing.
Unusual Fire and Explosion Hazards : Melts and decomposes @ 455° F with emission of ammonia and sulfur trioxide.

V. Handling and Storage Precautions

Store material in a cool, dry area, away from any strong bases, chlorates or nitrates.

VI. Accidental Release Measures/Waste Disposal

Collect spilled material and store in a dry area until disposal. Follow Federal, State and local regulations for disposal.

VII. Applicable Control Measures

Personal Protective Equipment :

Eye Protection :	Wear safety glasses or safety chemical goggles.
Skin Protection :	Wear gloves and further skin protection if skin is sensitive, or if a skin reaction occurs.
Respiratory Protection:	Wear a dust mask if dust levels exceed nuisance dust limit of: 10 mg/m ³ total dust: 5 mg/m ³ respirable dust.
Ventilation :	Use adequate ventilation to assure dust levels below nuisance dust limit.

VIII. Typical Physical Properties

Appearance and Odor:	White crystalline solid
Boiling Point:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Volatile by Weight:	0

IX. Reactivity Data

Chemical Stability:	Stable
Hazardous Polymerization:	Will not occur.
Incompatibility:	Ammonium nitrate and potassium or sodium potassium alloy; potassium chlorate; potassium nitrite; strong oxidizers.
Hazardous Decomposition Products:	Melts and decomposes at 455°F with emission of ammonia and sulfur trioxide.

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