

AERCHEM INC.
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SECTION 1: IDENTIFICATION

Effective Date: November 1994
Product Name: Ammonium Sulfate
Common Name: diammonium sulfate, ammonium sulfate

Chemical Formula: $(\text{NH}_4)_2 \text{SO}_4$
CAS No.: 7783-20-2

SECTION 2: HAZARDOUS INGREDIENTS:

Irritation may result from prolonged skin contact. Contact with dust or mist may cause eye irritation. Dust inhalation may irritate nose, throat and lungs. Irritation may develop in mouth, esophagus, stomach, etc. if swallowed. May cause purging.

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	gray to white granular or crystalline solid; slight odor
acid	
Boiling point:(760 mmHg)	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	1.77
Solubility in water:(by weight)	43.47% solution @ 25°C
Melting Point:	n/a
Volatility:	n/a
Vapor Density:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	Any standard agent may be used. If involved in fire, with water.
flood	
Fire Fighting Procedures:	Since toxic gases may be released violently at high temperatures, firefighters should wear full protective clothing and NIOSH-approved, self-contained breathing apparatus. Use water to keep fire-exposed containers cool.
Unusual Fire and Explosion Hazards:	Decomposed at elevated temperatures to produce toxic fumes of ammonia and sulfur oxides. If mixed with strong oxidizers such as potassium nitrate, nitrite or chlorate, a vigorous reaction or explosion may occur.

SECTION 5: REACTIVITY DATA

Reactivity Data:

