

AERCHEM INC.
320 North Walnut
Bloomington,IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

Effective Date: Copyright 1993

Product Name: Ferric Ammonium Sulfate A.C.S.

CAS No.: 77783-83-7

Hazardous Ingredients:

Sulfuric Acid,
Ammonium Iron (3+),
Salt (2:1:1),
Dodecahydrate

Physical Data:

Melting point (range) Approx.:	39°C to 41°C
Specific Gravity (Water=1):	1.710
Odor & Physical Form:	Pale Violet Crystals (ACS)

Fire and Explosion Information:

Extinguishing media to be recommended:	Appropriate to surrounding fire conditions
Special fire and explosions precautions:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Fire and explosions hazards:	Non-combustible, EMITS TOXIC FUMES UNDER FIRE CONDITIONS

Reactivity Data:

Strong acids

Hazardous Decomposition:

Sulfur Oxides

Handling and Storage Information:

Wear appropriate NIOSH/MSHA approved respirator, chemical resistant gloves, safety goggles, other protective clothing. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling, Keep tightly closed, store in cool dry place

Leak/Spill Information:

Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Sweep up and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.

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Disposal Information:

The material should be dissolved in 1) water; 2) acid solution or 3) oxidized to a water soluble state. Precipitate the material as the sulfide, adjusting the pH of the solution to 7 to complete precipitation. Filter the insoluble and dispose of them in a hazardous waste site. Destroy any excess sulfide with sodium hypochlorite. Neutralize the solution before flushing down the drain. Observe all Federal, State and Local Environmental Regulations

Health Hazard Information:

A. Exposure/Health Effects

May be harmful by inhalation, ingestion, or skin absorption. Causes eye and skin irritation. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

B. First Aid:

Inhalation: If inhaled, remove to fresh air, if not breathing, give artificial respiration, if breathing is difficult, give oxygen

Ingestion: If swallowed, wash out mouth with water, provided the person is conscious. Call a physician

Skin Contact: Immediately wash skin with soap and copious amounts of water

Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes

Occupational Control Measures:

Airborne Exposure Limited: Do not breathe dust, use respirator

Ventilation Systems: Mechanical exhaust required

Skin Protection: Safety shower and eye bath

Eye Protection: Safety shower and eye bath
