

Material Safety Data Sheet

(15505-50 and 26381-01)

Section 1: Chemical Product and Company Identification

Product Name: Ferric Ammonium Sulfate, 5% Aqueous

Catalog Number: 15505-50 and 26381-01

CAS#: See Section 3 below

Contact Information:

Electron Microscopy Sciences

1560 Industry Road

Hatfield, PA 19440

1-215-412-8400 (phone)

1-800-523-5874 (toll-free)

1-215-412-8450 (fax)

Order Online: emsdiasum.com

CHEMTREC (24-Hour Emergency

Telephone), call: 1-800-424-9300

Section 2: Composition and Information on Ingredients

NFPA

HEALTH – 1

FLAMMABILITY – 0

REACTIVITY – 0

CAUTION!

IRRITANT!

Avoid contact with skin and eyes! and clothing.

Section 3: Hazards Identification

CAS#	Chemical Name	Percent
7783-83-7	Ferric Ammonium Sulfate	5 w/v
7732-18-5	Water	99 v/v

Section 4: First Aid Measures

Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Dermal Exposure: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek immediate medical advice.

Oral Exposure: If swallowing, seek immediate medical advice.

Inhalation Exposure: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Section 5: Fire and Explosion Data

NFPA HEALTH – 1 FLAMMABILITY – 0 REACTIVITY – 0

Firefighters should wear proper protective clothing and self-contained breathing apparatus with full-piece operated in positive pressure mode to prevent contact with skin and eyes.

Extinguishing Media: Use water spray, dry chemical powder, or appropriate foam.

Flash Point: N/A

Auto Ignition Temperature: N/A

Explosion Limits: N/A

Upper: N/A

Section 6: Accidental Release Measures

Procedure(s) of Personal Precaution(s): Wear protective gear.

Methods for Cleaning up: Absorb with sand, earth or vermiculite. Carefully sweep up and containerize for proper disposal.

Section 7 : Handling and Storage

Use care when handling. Avoid contact with skin, eyes and clothing. Store at room temperature.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Mechanical exhaust.

Personal Protective Equipment: Other: Wear appropriate government-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

Section 9: Physical and Chemical Properties

Physical State: Liquid

Appearance: Amber

Vapor Pressure: N/A

Vapor Density: N/A

Evaporation Rate: N/A

Viscosity: N/A

Boiling Point: N/A

Freezing/Melting Point: N/A

Decomposition/Temperature: N/A

Solubility: Soluble

Specific Gravity/Density: N/A

Section 10: Stability and Reactivity Data

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Hazardous Decomposition Products: Sulfur dioxide, Nitrogen Oxides and Ammonia.

Hazardous Polymerization: Will not occur.

Incompatibilities with other material: Oxidizing agents

Section 11: Toxicological Information

Routes of Exposure: Multiple routes: May cause irritation, corrosive. May be harmful by inhalation, ingestion, or skin absorption.

Conditions aggravated by Exposure: The toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

No data available.

Section 13: Disposal Considerations

Appropriate method of disposal of substance or preparation: Handled as hazardous waste and sent to an RCRA approved incinerator or disposed in an RCRA approved waste facility.

Section 14: Transport Information

DOT – Non-regulated

Section 15: Other Regulatory Information

US Classification and label test

US Statements: Caution: Irritant, corrosive to skin and eyes.

United States Regulatory Information

SARA Listed: No

Canada Regulatory Information

WHIMS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: no

NDSL: no

Section 16: Other Information:

Created: 12/08/04

Revision: 11/11/10

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Electron Microscopy Sciences be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Electron Microscopy Sciences has been advised of the possibility of such damages.