

MALLINCKRODT INC SCIENCE PRODUCTS DIVISION -- FERROUS AMMONIUM SULFATE --  
6810-00-275-8143

===== Product Identification =====

Product ID:FERROUS AMMONIUM SULFATE

MSDS Date:08/06/1985

FSC:6810

NIIN:00-275-8143

MSDS Number: BDSJR

=== Responsible Party ===

Company Name:MALLINCKRODT INC SCIENCE PRODUCTS DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Info Phone Num:314-982

-5000

Emergency Phone Num:314-982-5000

CAGE:62910

=== Contractor Identification ===

Company Name:MALLINCKRODT INC., SCIENCE PRODUCTS DIV

Box:M

City:PARIS

State:KY

ZIP:40361-0315

Country:US

Phone:314-982-5000

CAGE:1BF21

Company Name:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

Company Name:SHAPE PRODUCTS

Address:1127 57TH AVE.

Box:City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Phone:510-534-1186

OR 800-444-0015  
CAGE:3D869

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Composition/Information on Ingredients  
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Ingred Name:AMMONIUM IRON (II) SULFATE HEXAHYDRATE (FERROUS AMMONIUM  
SULFATE, HEXAHYDRATE)  
CAS:7783-85-9  
RTECS #:BR6500000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Explanation of Carcinogenicity:NO INGREDIE  
NT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:INHALED: COUGHING, WHEEZING, SNEEZING,  
SHORTNESS OF BREATH. EYES: REDNESS, PAIN, TEARING, BLURRED VISION.  
SKIN: REDNESS, DISCOMFORT. INGESTED: NAUSEA, VOMITING, DIARRHEA,  
BLACK STOOL, PINK URINE.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS OR EYE PROBLEMS; OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY  
FUNCTION MAY BE MORE SUSCEPTI  
BLE TO THE EFFECTS OF THE SUBSTANCE.

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First Aid Measures  
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First Aid:INHALED: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY  
BREATHING DIFFICULTY. EYES: FLUSH WITH LOTS OF WATER FOR 15  
MINUTES, HOLD LIDS OPEN. SEE DOCTO. SKIN: WASH WITH RUNNING WATER.  
SEE DOCTOR IF RASH DEVELOPS. INGESTED: IF CONSCIOUS,INDUCE  
VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash  
Point:NONE  
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
BUNKER GEAR.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures  
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Spill Release Procedures:VENTILATE AREA OF LEAK OR SPILL. WEAR PROPER  
PROTECTIVE CLOTHING. PICK-UP AND PLACE IN A SUITABLE CONTAINER FOR  
RECLAMATION OR DISPOSAL. USE A PICK-UP METHOD WHICH MINIMIZES DUS

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GENERATION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY VENTILATED AREA.

PROTECT FROM PHYSICAL DAMAGE. KEEP IN A TIGHTLY CLOSED CONTAINER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE O

R EMERGENCY OCCURS; USE NIOSH/MSHA

APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:LOCAL EXHAUST IS RECOMMENDED TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CLOTHING TO PREVENT PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING.

LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS FM MFR DATED 06AUG85,CONFORMS TO OSHA HAZ COMM STD.

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===== Physical/Chemical Properties =====

HCC:V1

Melt/Freeze Pt:M.P/F.P Text:>212F,>100C

Spec Gravity:1.86 (WATER=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:PALE BLUE-GREEN CRYSTALS

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NO INCOMPATIBILITY DATA FOUND.

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ability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RQ (EPA)=1000 POUNDS.

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