

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:510-534-11

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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 INGRE

DIENT 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 SUSCE

PTIBLE 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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FI

ash 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

DUST
GENERATION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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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
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Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS
FAIL OR NON-ROUTINE US

E OR 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 SMOKIN

G. LAUNDRY 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
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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
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Stability Indicator/Materials to Avoid:YES

NO INCOMPATIBILITY DATA FOUND.

Stability 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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