

FISHER SCIENTIFIC, CHEMICAL DIV. -- FERROUS AMMONIUM SULFATE HEXAHYDRATE --  
6810-00-275-8143

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

Product ID:FERROUS AMMONIUM SULFATE HEXAHYDRATE

MSDS Date:12/30/1992

FSC:6810

NIIN:00-275-8143

MSDS Number: BMDQC

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201

-796-7100

Emergency Phone Num:201-796-7100 OR 201-796-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:DYNATECH SCIENTIFIC INC

Address:1401 27TH ST

Box:640164

City:KENNER

State:LA

ZIP:70064

Country:US

Phone:504-465-9604

CAGE:0VL27

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

===== Composition/Information on Ingredients =====

Ingred Name:AMMONIUM IRON

(II) SULFATE HEXAHYDRATE  
CAS:7783-85-9  
RTECS #:BR6500000  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: INHALATION OF DUST MAY  
IRRITATE NOSE AND THROAT AND CAUSE DYSPNEA. SOLUBLE IRON SALTS MAY  
BE ABSORBED. SKIN: MAY CAUSE IRRITATION. EYES: DUST OR MIST MAY

IRRITATE THE EYES OR CAUSE BURNS . INGESTION: ABDOMINAL IRRITATION  
AND POSSIBLE CENTRAL NERVOUS SYSTEM DEPRESSION.

Effects of Overexposure:INHALATION: IRRITATION. SKIN: DERMATITIS AND  
IRRITATION. EYES: LATE EYE DEGENERATION HAS BEEN REPORTED IN  
RABBITS. INGESTION: ABDOMINAL PAIN, RETCHING AND PROLONGED  
VOMITING. DIARRHEA, INTENSE DEHYDRATION, SHOCK, PALLOR, COMA AND  
EVEN DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE FROM EXPOSURE AREA TO FRESH AIR  
IMMEDIATELY. ASSIST WITH BREATHING SUPPORT MEASURES IF NEEDED.  
SKIN: WASH AFFECTED AREA WITH SOAP OR MILD DETERGENT AND LARGE  
AMOUNTS OF WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS. EYES:  
WASH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15-20 MIN.  
INGESTION: GIVE 2-4 GLASSES OF WATER. INDUCE VOMITING. GET MEDICAL  
ATTENTION IMMEDIATELY.

===== Fire Fighting Measures =====

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR FOAM.  
Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. DO  
NOT SCATTER SPILLED MATERIAL WITH MORE WATER THAN NEEDED FOR FIRE  
CONTROL. DIKE FIRE CONTROL WATER.  
Unusual Fire/Explosion Hazard:AVOID BREATHING HAZARDOUS VAPORS OR  
DUSTS, KEEP UPWIND.

===== Accidental Release Measures =====

Spill Release Procedures:NEUTRALIZE THE MATER

IAL. DIG HOLDING AREA FOR  
CONTAINMENT. USE PROTECTIVE COVER SUCH AS A PLASTIC SHEET TO  
PREVENT MATERIAL FROM DISSOLVING IN FIRE EXTINGUISHING WATER OR  
RAIN. STOP LEAD IF YOU CAN DO IT WITHOUT RISK. TAKE UP SMALL  
SPILLS WITH SAND.

Neutralizing Agent:NEUTRALIZE WITH AGRICULTURAL LIME, SLAKED LIME,  
CRUSHED LIMESTONE, OR NAHCO3.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions

:NONE

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

Respiratory Protection:USE A HIGH-EFFICIENCY PARTICULATE RESPIRATOR FOR  
HIGH LEVELS.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION AND/OR GENERAL DILUTION  
VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:MUST WEAR APPROPRIATE PROTECTIVE GLOVES.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:APPROPRIATE PROTECTIVE CLOTHING AS NEEDED.

Work Hygienic Practices:WASH HANDS AFTER HA

NDLING THIS MATERIAL.

Supplemental Safety and Health

NONE

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

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Decomp Temp:Decomp Text:212F,100C

Spec Gravity:1.9

Solubility in Water:26.9%

Appearance and Odor:PALE BLUE-GREEN CRYSTALS OR CRYSTALLINE POWDER.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condi

on to Avoid:STABLE UNDER NORMAL TEMPERATURES AND PRESSURES, UP TO THE BOILING POINT (100C) WHERE DECOMPOSITION OCCURS.

Hazardous Decomposition Products:MAY RELEASE TOXIC FUMES OF AMMONIA AND TOXIC OXIDES OF NITROGEN. ALSO POSSIBLY SULFUR TRIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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