

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-778/7783-85-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7783-85-9
Code:
M

RTECS:
BR6500000
Code:
M

Name:
AMMONIUM IRON (II) SULFATE HEXAHYDRATE (FERROUS A

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE 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 4

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
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.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: INHALATION MAY CAUSE MILD IRRITATION OF MUCOUS MEMBRANES. CONTACT MAY IRRITATE SKIN AND EYES. INGESTION OF SMALL AMOUNTS IS OF LOW TOXICITY BUT LARGER DOSES MAY CAUSE GI TRACT DISTURBANCES; LIV ER DAMAGE, COMA AND DEATH HAVE OCCURED FROM IRON POISONING. CHRONIC: UNKNOWN

Explanation Of Carcinogenicity:
NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptions 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 SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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.

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.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RQ (EPA)=1000 POUNDS. 3

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.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

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.

Physical/Chemical Properties

HCC:
V1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
UNKNOWN

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
1.86 (WATER=1)

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
APPRECIABLE

Appearance and Odor:
PALE BLUE-GREEN CRYSTALS 5

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
NO INCOMPATIBILITY DATA FOUND.

Hazardous Decomposition Products:
NONE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P

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WARRANTY

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