

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

ACGIH STEL:

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; LIVER DAMAGE, COMA AND DEATH HAVE OCCURRED 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 Symptoms 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 DOCTOR. 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:

NONE

Flash Point Text:

NONE

Autoignition Temp:

N/A

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

NRG/State Lic No:

N/R

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

UNKNOWN

Melt/Freeze Pt:

>212F,>100C

Decomp Temp:

UNKNOWN

Decomp Text:

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatile Org Content %:

UNKNOWN

Spec Gravity (Water=1):

1.86 (WATER=1)

VOC Pounds/Gallon:

N/A

PH:

N/K

VOC Grams/Liter:

N/A

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

Autoignition Temp:

N/A

Conditions To Avoid Polymerization:

NONE

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:

NONE INCOMPATIBILITY DATA FOUND.

Hazardous Decomposition Products:

NONE

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NONE

Toxicological Information

Information:

N/P

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

LookChem™

Look for Chemicals

www.lookchem.com

LookChem™

Look for Chemicals

www.lookchem.com