

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-131/1310-45-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

1310-45-8

Code:

M

RTECS:**Code:**

X

Name:

FERRIC SUBSULFATE (MONSEL'S SOLUTION)

Other REC Limits:

NOT ESTABLISHED

OSHA PEL:

1 MG/CUM FE SALTS

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

1 MG/CUM FE SALTS

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:

MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:

NEOPRENE, NITRILE, PVC OR NATURAL RUBBER

Eye Protection:

SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:

Equipment EYE WASH STATION AND SAFETY SHOWER.APRON REQUIRED.

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:

4 SYNONYMS: FERRIC SULFATE BASIC SOLUTION; IRON HYDROXIDE SULFATE; MONSEL'S SOLUTION.

Health Hazards Data

LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: EYE AND SKIN MAY CAUSE MECHANICAL IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation Of Carcinogenicity:

NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:

2 EYE AND SKIN: NO ADVERSE EFFECTS EXPECTED BUT SPLASHES MAY CAUSE MECHANICAL IRRITATION. INHALATION: NO ADVERSE EFFECTS EXPECTED.

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS, OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY FUNCTIONS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

First Aid:

INHALATION: REMOVE TO FRESH AIR. GET MED HELP. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN: WASH WITH SOAP & WATER. GET MED ADVICE IF IRRITATION DEVELOPS. INGESTION: INDUCE VOMIT BY GIVING 2 GL OF WATER. NOTHING BY MOUTH TO UNCON

Spill Release Procedures:

SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INSERT ABSORBENT. PUT IN DISPOSAL CONTAINER. LARGE SPILL: EVACUATE AND VENTILATE AREA. IF POSSIBLE, LEAK DIKE TO RETAIN RUN OFF. VACUUM UP FREE LIQUID. ABSORB WITH ABSORBENT. KEEP IN COVERED CONTAINERS.

Neutralizing Agent:

NOT APPLICABLE.

Waste Disposal Methods:

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE, FREEZING, SUNLIGHT.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

N/K

Autoignition Temp:**Autoignition Temp Text:**

N/R 3

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE. WEAR FULL PROTECTIVE EQUIPMENT

Unusual Fire/Explosion Hazard:

FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. NOT CONSIDERED TO BE EXPLOSIVE.

Physical/Chemical Properties

HCC:

N1

NRC/State Lic No:

N/R

Net Prop WT For Ammo:

N/R

Boiling Point:

N/K

B.P. Text:

N/K

Melt / Freeze Pt:

N/R

M.P/F.P Text:

N/R

Decomp Temp:

N/R

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

N/R

Spec Gravity:

N/R

1.54**VOC Pounds/Gallon:**

N/R

PH:

N/K

VOC Grams/Liter:

N/R

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

REDISH BROWN LIQUID;ODORLESS

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Conditions To Avoid:

NOT APPLICABLE

Conditions To Avoid Potentiation:

NOT APPLICABLE

Reactivity:

N/R

Health Hazards Acute And Chronic:

N/R

Explanation Of Carcinogenicity:

N/R

Signs And Symptoms Of Overexposure:

N/R

Other Precautions:

N/R

Storage:

N/R

Handling:

N/R

Exposure Control:

N/R

Personal Protection:

N/R

First Aid:

N/R

Spill Release Procedures:

N/R

Emergency Response:

N/R

Disposal:

N/R

Storage:

N/R

Handling:

N/R

Exposure Control:

N/R

Personal Protection:

N/R

First Aid:

N/R

Spill Release Procedures:

N/R

Emergency Response:

N/R

Disposal:

N/R

Storage:

N/R

Handling:

N/R

Exposure Control:

N/R