

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-100/10025-77-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

10025-77-1

Code:

M

RTECS:

NO5425000

Code:

M

Name:

FERRIC CHLORIDE HEXAHYDRATE

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

NONE NEEDED UNDER NORMAL CONDITIONS OF USE W/ADEQUATE VENTILATION.NIOSH APPROVED EQPMT SHOLD BE WORN IF PELS ARE EXCEEDED.

Ventilation:

LOCAL EXHAUST: PREFERRED.MECHANICAL(GEN):ACCEPTABLE.SPECIAL/OTHER:NO.

Protective Gloves:

RUBBER,NEOPRENE,PVC OR EQUIVALENT

Eye Protection:

SPLASH PROOF CHEM SAF GOGGLES @ALL TIMES

Other Protective Equipment:

Equipment LAB COAT,EYE WASH,SAFETY SHOWER.

Work Hygienic Practices:

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

1STAID:S BREATH GIVE ART RESP.KEEP PERSON WARM/QUIET.GET MED ATTN. ODOR:ACETONE,ETHER.

Health Hazards Data

LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

HARMFUL IF SWALLOWED.MAY CAUSE EYE BURNS.EYE: MAY CAUSE IRRIT.SKIN: MAY CAUSE IRRIT.INGEST: MAY CAUSE GASTROINTESTINAL DISCOMFORT.INHAL: MAY CAUSE IRRIT TO RESPIRATORY TRACT.

Explanation Of Carcinogenicity:

PER MSDS:NOT LISTED AS CAUSING CANCER BY IARC/NTP/OSHA.

Signs And Symptoms Of Overexposure:

EYE/SKIN/RESPIRATORY TRACT IRRIT.GASTROINTESTINAL DISCOMFORT.

Medical Cond Aggravated By Exposure:

RESPIRATORY CONDITIONS. TARGET ORGANS:NASAL AND RESPIRATORY PASSAGES.

First Aid:

EYE:FLUSH W/WATER FOR @LEAST 15MINS,RAISE/LOWER EYELIDS OCCASIONALLY.IRRIT PERSISTS GET MED ATTN.SKIN:THOROUGHLY WASH EXPO AREA FOR @LEAST 15MINS.REMOVE CONTAM CLOTH.IRRIT PERSISTS GET MED ATTN.INGEST :IF CONSC GIVE PLENTY OF WATER,INDUCE VOMIT IMMED AS DIRECTED BY MED PERSONNEL.IMMED CALL DR/POIS CNTRL CNTR.UNCONSC NEVER GIVE ANYTHING BY MOUTH.INHAL:REMOVE TO FRESH AIR.BREATH DIFFI GIVE OXY;(SUPP)

Spill Release Procedures:

VENTILATE AREA OF SPILL.CLEANUP PERSONNEL SHOULD WEAR PROPER PROTECTIVE EQPMT.AVOID CREATING DUST.SWEEP OR SCOOP UP & CONTAINERIZE FOR DISPOSAL.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

EPA WASTE#:D002.DISPPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.ALWAYS CONTACT PERMITTED WASTE DISPOSER(TSD)TO ASSURE COMPLIANCE.NO SARA/CERCLA/RCRA CHEMS.

Handling And Storage Precautions:

KEEP CONTAINER TIGHTLY CLOSED.STORE IN COOL DRY WELL-VENTILATED AREA.AVOID EXPO TO LIGHT & MOISTURE;AVOID CONTACT W/STRONG MINERAL ACIDS.

Other Precautions:

DO NOT GET ON EYES/SKIN/CLOTHING.WASH THOROUGHLY AFTER HANDLING(REMOVE FERRIC CHLORIDE SOLID BEFORE WASHING).DO NOT TAKE INTERNALLY.

Fire and Explosion Hazard Information

Flash Point Method:

Flash Point:

Flash Point Text:

NO INFO AVAI

Autoignition Temp:

NO INFO

Autoignition Temp Text:

NO INFO

Lower Limits:

NO INFO AVAI

Upper Limits:

NO INFO AVAI

Extinguishing Media:

USE MEDIA SUITABLE TO EXTINGUISH SURROUNDING FIRE.USE DRY CHEMICAL, CO2, OR APPROPRIATE FOAM.

Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE EQPMT & NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

DECOMPOSES TO YIELD HCl ON EXPOSURE TO LIGHT.

Physical/Chemical Properties

HCC:

BL

NRC/State Lic No:

N/R

Net Prop WT For Ammo:

NO INFO

Boiling Point:

NO INFO

B.P/F.T Text:

536.25,280C

Melt/Freeze Pt:

NO INFO

IARC:

NO

OSHA:

NO

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