
FERRIC CHLORIDE; CAT.NO.1772

MSDS Number

BBFFQ

National Stock Number

6810-00D001417

Product Name

FERRIC CHLORIDE; CAT.NO.1772

Manufacturer

HACH CO

Product Identification

Product ID:FERRIC CHLORIDE; CAT.NO.1772

MSDS Date:09/13/1985

FSC:6810

NIIN:00D001417

MSDS Number: BBFFQ

Responsible Party

HACH CO.

100 DAYTON RD.

AMES , IA 50010

US

Emergency Phone: 515-232-2533

Info Phone: 303-669-3050

Cage: 91224

Contractor

HACH CO

389

LOVELAND, CO 80539

US

970-669-3050/ 303-623-5716

Cage: 91224

Ingredients

FERRIC (III) CHLORIDE HEXAHYDRATE

CAS: 10025-77-1

RTECS: NO5425000

Fraction By Weight: >97%

OSHA PEL1 MG/M3 (FE)

ACGIH TLV: 1 MG/M3 (FE); 8990

IMPURITIES

Fraction By Weight:

Hazards

LD50 LC50 Mixture:900 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO EYES,SKIN,RESPIRATORY, G/I TRACT
Effects of Overexposure:SEVER STOMACH PAIN, NAUSEA & VOMITING. SHOCK, LIVER DAMAGE
Medical Cond Aggravated by Exposure:NONE

First Aid

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.GIVELARGE QUANTITIES OF MILK OR WATER.

Fire Fighting

Extinguishing Media:WATER MIST OR SPRAY
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES.

Accidental Release

Spill Release Procedures:SWEEP UP AND PLACE IN COVERED CONTAINER FOR DISPOSAL
Neutralizing Agent:SODIUM BICARBONATE OR 50/50 MIX OFF SODA ASH AND SLAKED LIME

Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS CLOSED. MAINTAIN STANDARD HYGIENE FOR CHEM HANDLING

Exposure Controls

Respiratory Protection:DUST/MIST RESPIR
Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:RUBBER/NEOPRENE
Eye Protection:SAFETY GLASSES
Other Protective Equipment:SAFETY SHOWER & EYE BATH
Work Hygienic Practices:STANDARD CHEMICAL HYGIENE PRACTICES
Supplemental Safety and Health

Chemical Properties

HCC:C3
Melt/Freeze Pt:M.P/F.P Text:98F/37C
Spec Gravity:1.82
Solubility in Water:SOLUBLE
Appearance and Odor:BROWNISH-YELLOW CRYSTALLINE SOLID,SLIGHT HCL ODOR

Stability

Stability Indicator/Materials to Avoid:YES
ALLYL CHLORIDE, NA, K, WATER
Stability Condition to Avoid:HEAT,FLAME
Hazardous Decomposition Products:HCL FUMES

Disposal

Waste Disposal Methods:NEUTRALIZE AND FLUSH TO DRAIN I/A/W FEDERAL,STATE,LOCAL,REGULATIONS.

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