

FERRIC CHLORIDE SOLUTION

MSDS Number

BCCYZ

National Stock Number

6810-00K001491

Product Name

FERRIC CHLORIDE SOLUTION

Manufacturer

E I DUPONT DE NEMOURS AND COMPANY INC

Product Identification

Product ID:FERRIC CHLORIDE SOLUTION

MSDS Date:01/01/1985

FSC:6810

NIIN:00K001491

MSDS Number: BCCYZ

Responsible Party

E.I.DUPONT DE NEMOURS & COMPANY,INC.

1007 MARKET STREET

WILMINGTON , DE 19899

US

Emergency Phone: 800-441-7515

Info Phone: 800-441-7515

Cage: DO229

Contractor

E.I.DUPONT DE NEMOURS & CO INC

1635

BOSTON, MA 02118

US

800-441-7515

Cage: DO229

Ingredients

FERRIC CHLORIDE (SARA III)

CAS: 7705-08-0

RTECS: LJ9100000

Fraction By Weight: 30.0%

OSHA PEL1 MG FE/M3

ACGIH TLV: 1 MG FE/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER; CAS #7732-18-5

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 70.0%

Hazards

Effects of Overexposure:MAY CAUSE EYE BURNS & SKIN IRRITATION

First Aid

First Aid:EYES:IMMEDIATLY FLUSH EYES W/PLENTY OF WATER FOR AT LEAST 15 MINUTES.CALL A PHYSICIAN.FLUSH SKIN WITH WTER.REMOVE CONTAMINATED CLOTHING & SHOES.WASH CLOTHING BEFORE REUSE.IF INGESTED,DO NOT INDUCE VOM ITING.GET MED;USE ANTACID SUCH AS MALOX/MILK MAGN.

Fire Fighting

Flash Point:NONE

Extinguishing Media:WATER,FOAM,DRY CHEMICAL,CO*2

Fire Fighting Procedures:COOL EXPOSED TANKS OR CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:NONE

Accidental Release

Spill Release Procedures:USE PROTECTIVE EQUIPMENT.ELIM IGN SOURCES;MFR SPECIFIES NEUTRAIZE WITH LIME OR SODA ASH.FLUSH AREA WITH WATER TO WATE TREATMENT SYSTEM.

Handling

Handling and Storage Precautions:KEEP IN CLOSED POLYETHYLENE DRUMS & BOTTLES.WASH THOROUGHLY AFTER HANDLING;DO NOT GET IN EYES,ON SKIN OR ON CLOTHING.

Other Precautions:SOLUTION IS CORROSIVE TO MOST METALS.AVOID CONTACT W/ALUMINUM ALLOYS,CARBON STEEL,COPPER/COPPER ALLOYS & NYLON.AVOID BREATHING VAPOR OR MIST.BEFORE USING READ:DUPOND FECL*3SOLN PROD BULLETIN.

Exposure Controls

Respiratory Protection:NONE SHOULD BE NEEDED

Ventilation:NO SPECIAL REQUIREMENTS W ADEQUATE VENT.

Protective Gloves:RUBBER

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:USE RUBBER APRON,RUBBER JACKET & PANTS,& RUBBER FOOTWEAR

Supplemental Safety and Health

MSDS FROM MFR DATED:12/80;SP GRANGE 1.3 TO 1.4

Chemical Properties

HCC:C1

Boiling Pt:B.P. Text:223F(106C)

Vapor Pres:40

Spec Gravity:1.3500

Solubility in Water:COMPLETE

Appearance and Odor:ORANGE BROWN LIQUID,SLIGHTLY ACIDIC ODOR

Percent Volatiles by Volume:67.5

Stability

Stability Indicator/Materials to Avoid:YES

CORRODES MOST METALS RAPIDLY;AVOID STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:WILL NOT OCCUR HOWEVER,GIVES FE OXIDE THERML DECOMPOSITION

Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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