

FERRIC CHLORIDE SOLUTION

MSDS Number

BJKXW

National Stock Number

6810-00-798-9722

Product Name

FERRIC CHLORIDE SOLUTION

Manufacturer

A DAIGGER

Product Identification

Product ID:FERRIC CHLORIDE SOLUTION

MSDS Date:09/01/1989

FSC:6810

NIIN:00-798-9722

MSDS Number: BJKXW

Responsible Party

A. DAIGGER

441 CARPENTER ST.

WHEELING , IL 60090

US

Emergency Phone: 800-621-7193

Info Phone: 312-520-7000

Preparer: DENNIS J> NICKELS

Cage: 15747

Contractor

DAIGGER A AND CO INC

ALSIP, IL 60803

US

847-816-5060

Cage: 15747

Ingredients

FERRIC CHLORIDE (SARA III)

CAS: 7705-08-0

RTECS: LJ9100000

Fraction By Weight: 4.0%

OSHA PEL1 MG FE/M3

ACGIH TLV: 1 MG FE/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

"NOT HAZARDOUS"

Fraction By Weight: 96.0%

Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:FERRIC CHLORIDE SOLUTION IS IRRITATING TO BODY TISSUES. DUSTS WILL IRRITATE THE UPPER RESPIRATORY TRACT CAUSING COUGHING. IRON POISONING MAY RESULT FROM CHRONIC OVEREXPOSURE.
Explanation of Carcinogenicity:FERRIC CHLORIDE IS NOT LISTED AS A CARCINOGEN BY IARC, NTP, OR OSHA.
Effects of Overexposure:EYE:IRRITATION SKIN:POSSIBLE IRRITATION, IRON STAINS. INHALED:UNLIKELY EXPOSURE. RESPIRATORY IRRITATION IF INHALED. INGESTED:G/I IRRITATION, NAUSEA. POSSIBLE IRON POISONING.
Medical Cond Aggravated by Exposure:NONE GIVEN BY MANUFACTURER.

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. INGESTED:GIVE 2 LARGE GLASSES OF MILK OR WATER AND INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL CARE.

Fire Fighting

Flash Point:NON-FLAMMABLE
Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH MEDIA APPROPRIATE FOR SOURCE OF FIRE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Accidental Release

Spill Release Procedures:ABSORB WITH INERT MATERIAL, COLLECT, BEING CAREFUL NOT TO RAISE DUST.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY AREA, PROTECTED FROM MOISTURE. KEEP SEPARATE FROM NON-COMPATIBLES.
Other Precautions:NONE

Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.
Ventilation:NOT NORMALLY REQUIRED. USE LAB HOOD OR OTHER LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW PEL/TLV.
Protective Gloves:RUBBER, VINYL OR OTHER IMPERVIOUS
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER, LAB COAT OR APRON TO PROTECT EXPOSED SKIN.
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.
Supplemental Safety and Health

Chemical Properties

HCC:B1
Boiling Pt:B.P. Text:212F, 100C
Spec Gravity:1.03
Evaporation Rate & Reference:1.0 (WATER = 1)
Solubility in Water:COMPLETE
Appearance and Odor:YELLOW-BROWN LIQUID, NO ODOR

Stability

Stability Indicator/Materials to Avoid: YES

ACIDS, OXIDIZERS, ALKALIS

Stability Condition to Avoid: NONE GIVEN BY MANUFACTURER (SUPPLIER).

Hazardous Decomposition Products: HYDROGEN CHLORIDE, IRON OXIDE

Disposal

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER MAKES NO SUGGESTION OF DISPOSAL METHOD.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.