

POLY RESEARCH CORPORATION -- FERRIC CHLORIDE, ANHYDROUS -- 6810-00-682-6677

===== Product Identification =====

Product ID:FERRIC CHLORIDE, ANHYDROUS

MSDS Date:10/11/1993

FSC:6810

NIIN:00-682-6677

MSDS Number: BTRPH

=== Responsible Party ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

Info Phone Num:516-242-1020

Emergency Phone N

um:800-424-9300

CAGE:64713

=== Contractor Identification ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

Box:City:HOLTSVILLE

State:NY

ZIP:11742-2007

Country:US

Phone:516-758-0460

CAGE:64713

===== Composition/Information on Ingredients =====

Ingred Name:FERRIC CHLORIDE (SARA III)

CAS:7705-08-0

RTECS #:LJ9100000

Fraction by Wt: 99%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG (FE)/M3

ACGIH TLV:1 MG (FE)/M3; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 L

## ===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT: MAY CAUSE IRRITATION AND MAY BE CORROSIVE AND RESULT IN PERMANENT VISUAL LOSS. SKIN CONTACT: A MODERATE SKIN IRRITANT. CONTACT CAN CAUSE IRRITATION OR CORROSIVE CHEMICAL BURNS TO HUMAN TISSUE. INHALATION: IRRITANT. INGESTION: MAY CAUSE SEVERE LIVER AND/OR KIDNEY DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

## ===== First Aid Measures =====

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15-20 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.

WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING. INGESTION:DO NOT INDUCE VOMITING. DRINK COPIOUS AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION.

## ===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL EXTERIOR OF STORAGE TANKS.

Unusual Fire/Explosion Hazard:MAY RELEASE CHLORINE GAS OR HYDROGEN CHLORIDE GAS AT HIGH TEMPERATURES AS MATERIAL DECOMPOSES. CAUTION: THIS MATERIAL HEATS ON CONTACT WITH WATER.

## ===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT AND VENTILATE AREA AS REQUIRED. SWEEP OR SCOOP UP AND REMOVE. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED

Y MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AWAY FROM HEAT, STRONG ALKALIS AND ALKALI METALS. KEEP CONTAINERS CLOSED AND DRY. PROTECT CONTAINER FROM PHYSICAL DAMAGE.

Other Precautions:AVOID CONTACT WITH WATER AND MINIMIZE CONTACT WITH MOISTURE.EMPTIED CONTAINER MAY RETAIN VAPOR AND PRODUCT RESIDUE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED, FULL FACE RESPIRATOR WITH DUST FILTER. CONSULT RESPIRATOR MANUFACTURER TO DETERMINE APPROPRIATE EQUIPMENT.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:IMPERVIOUS RUBBER GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:SAFETY SHOWER AND EYE BATH.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Heal

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NONE

===== Physical/Chemical Properties =====

HCC:C1

Boiling Pt:B.P. Text:581F,305C

Vapor Pres:NEGLIGIBLE

Spec Gravity:2.8 -2.9

Solubility in Water:APPRECIABLE

Appearance and Odor:GREENISH BLACK GRANULAR SOLID

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:AVOID HIGH TEMPERATURES.

Hazardous Decomposition Products:CAN RELEASE CHLORINE GAS

AT ELEVATED

TEMPERATURES ABOVE 553F. CAN RELEASE HYDROGEN CHLORIDE GAS ON  
CONTACT WITH WATER.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF SPILLED, NEUTRALIZED, OR WASTE  
PRODUCT CONTAMINATED SOIL AND OTHER CONTAMINATED MATERIALS IN  
ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL  
REGULATIONS.

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