

POLY RESEARCH CORPORATION -- FERRIC CHLORIDE, ANHYDROUS -- 6810-00-664-0283

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Product Identification
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Product ID:FERRIC CHLORIDE, ANHYDROUS

MSDS Date:10/11/1993

FSC:6810

NIIN:00-664-0283

MSDS Number: BWPSF

=== Responsible Party ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

Info Phone Num:516-758-0460

Emergency Phone N

um:516-758-0460

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

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Composition/Information on Ingredients
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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

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INGESTION MAY CAUSE SEVERE LIVER AND/OR KIDNEY DAMAGE. SKIN OR EYE CONTACT MAY CAUSE SEVERE IRRITATION OR BURNS. INHALATION MAY CAUSE RESPIRATORY IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFAC TURER.
Explanation of Carcinogenicity:FERRIC CHLORIDE IS NOT LISTED AS A CARCINOGEN BY NTP, IARC OR OSHA.
Effects of Overexposure:INGESTED: LIVER AND/OR KIDNEY DAMAGE. SKIN:BURNS, IRRITATION, REDNESS. EYES: IRRITATION, BLURRED VISION, PAIN, REDNESS, TEARING. INHALED: COUGHING, SNEEZING, WHEEZING, SHORTNESS OF BREATH.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS, DRINK LOTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. INHALED-REMOVE TO FRESH AIR. EYES-IMMEDIATELY FLUSH FOR 15 MINUTES, HOLDING LIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN-WASH WITH SOAP & WATER. DUST OFF EXCESS BEFORE WASHING.

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Fire Fighting Measures
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Extinguishing Media:CARBON DIXOIDE, DRY CHEMICAL. CAUTION-THIS MATERIAL HEATS ON CONTACT WITH WATER.
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING POSITIVE-PRESSURE SELF-CO NTAINED BREATHING APPARATUS. USE WATER TO COOL FIRE EXPOSED CONTAINERS.
Unusual Fire/Explosion Hazard:MAY RELEASE CHLORINE GAS OR HYDROGEN CHLORIDE GAS AT HIGH TEMPERATURES AS MATERIAL DECOMPOSES.

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Accidental Release Measures
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Spill Release Procedures:SWEEP OR SCOOP UP & REMOVE. FLUSH AREA WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Pre

cautions:STORE AWAY FROM HEAT, STRONG ALKALIS &
ALKALI METALS. KEEP CONTAINERS CLOSED & DRY. PROTECT CONTAINER FROM
DAMAGE. AVOID CONTACT WITH WATER & MOISTURE
Other Precautions:EMPTIED CONTAINER MAY RETAIN VAPOR & PRODUCT RESIDUE.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE
OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED
AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IA

W 29 CFR 1910.134 AND

MANUFACTURER'S RECOMMENDATIONS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION TO MINIMIZE EXPOSURE.

Protective Gloves:IMPERVIOUS RUBBER.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS.

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. DO NOT
WEAR CONTACTS WHEN HANDLING THIS PRODUCT.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

CERCLA RQ=

1000 LBS.

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

HCC:C1

Boiling Pt:B.P. Text:606F,319C

Melt/Freeze Pt:M.P/F.P Text:583F,306C

Decomp Temp:Decomp Text:583F,306C

Vapor Pres:NEGLIGIBLE

Spec Gravity:2.898

Solubility in Water:APPRECIABLE

Appearance and Odor:GREENISH/BLACK GRANULAR SOLID.

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

Stability Indicator/Materials to Avoid:YES

WATER, STRONG ALKALIS, ALKALI METALS.

Stability Condition to Avoid:AVOID

HIGH TEMPERATURES. DLA-HMIS: AVOID

EXPOSURE TO MOISTURE/WATER.

Hazardous Decomposition Products:CHLORINE GAS AT ELEVATED TEMPERATURES.

HYDROGEN GAS ON CONTACT WITH WATER OR STEAM.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

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