

PENNWALT CORPORATION -- ANHYDROUS FERRIC CHLORIDE, PENNWALT NO.4110 --
6810-00-682-6677

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

Product ID:ANHYDROUS FERRIC CHLORIDE, PENNWALT NO.4110

MSDS Date:01/01/1985

FSC:6810

NIIN:00-682-6677

MSDS Number: BFLLJ

=== Responsible Party ===

Company Name:PENNWALT CORPORATION

Address:THREE PARKWAY

City:PHILADELPHIA

State:PA

ZIP:19102

Country:US

Info Phone Num:215-587-76

95

Emergency Phone Num:215-587-7695

CAGE:7K913

=== Contractor Identification ===

Company Name:ELF ATOCHEM NORTH AMERICA INC

Address:2000 MARKET STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Phone:800-245-5858

CAGE:86460

Company Name:PENNWALT CORPORATION/ELF ATOCHEM NORTH AMERICA

Address:THREE PARKWAY

City:PHILADELPHIA

State:PA

ZIP:19102

Phone:215-587-7711

CAGE:7K913

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

Ingred Name:FERRIC CHLORIDE (SARA III)

CA

S:7705-08-0
RTECS #:LJ9100000
Fraction by Wt: 95.5%
OSHA PEL:1 MG FE/M3
ACGIH TLV:1 MG FE/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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Hazards Identification
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Effects of Overexposure:IRRITATES SKIN & EYES.INGEST MAY CAUSE SEVERE LIVER/KIDNEY DAMAGE.

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First Aid Measures
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First Aid:INGEST:DRINK LARGE QTY OF COOL WATER.CONSULT MD.SKIN;WASH W/SOAP & WATER.EYES-FLUSH WITH PLENTY WATER FOR AT LEAST 15 MIN.GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point:NONE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:DOES NOT BURN

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Accidental Release Measures
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Spill Release Procedures:SWEEP OR SCOOP UP.FLUSH RESIDUE W/WATER.

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Handling and Storage
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Handling and Storage Precautions:WASH AFTER HANDLING,DO NOT GET IN SKIN,EYES,CLOTHES.DO NOT BREATHE DUST.KEEP CONTAINERS CLOSED.BRUSH OFF EXCESS & FLUSH SKIN WITH WATER.
Other Precautions:USE FULL DRUM QUANTITIES.DO NOT STORE PARTIALLY FILLED DRUMS IF POSSIBLE.

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Exposure Controls/Personal Protection
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Respiratory Protection:FILTER-DUST
Ventilation:GENERAL MECHANICAL-USE WITH ADEQUATE VENTILATION
Protective Gloves:PLAS OR RUBBER
Eye Protection:GOGGLES
Other Protective Equipment:RUBBER APRON,BOOTS
Supplemental Safety and Health
MFR MSDS DATED-1/2/79

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

HCC:C3

Boiling Pt:B.P. Text:580-609F

Vapor Pres:3.9

Spec Gravity:2.8

Solubility in Water:APPRECIABLE

Appearance and Odor:GREENISH BLACK GRANULAR SOLID

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Hazardous Decomposition Products:RELEASE CHLORINE AT ELEVATED
TEMPERATURE-553F

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

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Waste Disposal Methods:DILUTE TO 1-2% & FLUSH TO DRAIN WITH LARGE
VOLUMES OF WATER.

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