

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

===== 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:215-587-769

5

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

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

Ingred Name:FERRIC CHLORIDE (SARA III)

CAS

: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

=====
Hazards Identification
=====

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

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

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.

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

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

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

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

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

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.

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

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 =====

==

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

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.