

CHEMICAL COMMODITIES AGENCY(DIST), CARUS CHEM(MFR) -- CAIROX -- 6750-00-515-0456

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

Product ID:CAIROX

MSDS Date:01/01/1985

FSC:6750

NIIN:00-515-0456

MSDS Number: BFBZR

=== Responsible Party ===

Company Name:CHEMICAL COMMODITIES AGENCY(DIST), CARUS CHEM(MFR)

Address:27447 PACIFIC STREET

City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Info Phone Num:714-864-2310

Eme

Agency Phone Num:714-864-2310

CAGE:60777

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

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

Ingred Name:POTASSIUM PERMANGANATE (SARA III)

CAS:7722-64-7

RTECS #:SD6475000

Fraction by Wt: 100%

OSHA PEL:5 MG MN/M3;CEILING

ACGIH TLV:5 MG MN/M3; 9192

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

Effects of Overexposure:MAY CAUSE BURNING OF SKIN; BURNING OF EYES & MUCOUS MEMBRANES; NAUSEA,VOMITING,BRONCHITIS,SHOCK.

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

First Aid:FLOOD SKIN WITH WATER. EYES: FLUSH WITH PLENTY OF WATER. CALL DOCTOR. WASH CONTAMINATED AREAS OF BODY WITH SOAP & WATER. STOMACH WASH W/2% SODIUM THIOSULFATE SOLUTION FOLLOWED BY SALINE CATHARSIS. TRA CHEOTOMY MAY BE INDICATED.

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

Extinguishing Media:WATER  
Fire Fighting Procedures:LARGE QUANTITIES OF WATER.

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

Spill Release Procedures:IMMEDIATELY SWEEP UP & REMOVE AS MUCH KMNO<sub>4</sub> AS POSSIBLE. COVER WITH REDUCING AGENTS SUCH AS HYPO,BISULFITES OR FERROUS SALTS.BISULFITES OR FERROUS SALTS NEED ADDITIONAL PROMOTER OF SOME 3M-H<sub>2</sub>SO<sub>4</sub> TO ACCELERATE REACTION.TRANSFER SLURRY& NEUT.W/S.ASH

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

Handling and Storage Precautions:COOL,DRY AREA IN CLOSED CONTAINERS.KEEP CONTAINERS CLOSED.SEPARATE FROM:S,SN,GLYCERIN,ETHANOL + SULFURIC ACID,ACIDS + CONC SULFURIC ACID,CONC.H<sub>2</sub>SO<sub>4</sub>  
Other Precautions:SEPARATE FROM:HYDROGEN PEROXIDE,IRON,AMMONIUM NITRATE + ORGANIC MATERIALS,ETHER,ALCOHOL,PAPER,TURPENTINE,OIL +SULFURIC ACID.WEAR RUBBER GLOVES,FACE SHIELD & COVERALLS,PROVIDE FULL BODY SHIELD.

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

Supplemental Safety and Health  
ITEM CONFORMS TO USASI PH 4.301

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

HCC:D1  
Spec Gravity:2.7.  
Solubility in Water:6.3GMS/100G  
Appearance and Odor:DARK PURPLE OR BRONZE-LIKE.

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

Stability Indicator/Materials to Avoid:NO  
MOST ORGANIC COMPDS,METALLIC POWDERS,S,P,C,HCL,H<sub>2</sub>SO<sub>4</sub>,ETHER  
S

stability Condition to Avoid: REDUCING AGENTS, ORGANIC MATLS, ETHER, GLYCERIN, H<sub>2</sub>SO<sub>4</sub>, COMB GASES.

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

Waste Disposal Methods: USE VAST VOLUME OF CONCENTRATED SOLUTION OF REDUCING AGENT (BISULFITES OR FERROUS SALTS WITH 3M-H<sub>2</sub>SO<sub>4</sub> OR HYPO). NEUTRALIZE WITH SODA ASH OR DILUTE HCL. DRAIN INTO AN APPROVED DISPOSAL AREA WITH ABUNDANT 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.