

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  
Emer  
gency 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  
St

ability Condition to Avoid:REDUCING AGENTS,ORG  
MATLS,ETHER,GLYCERIN,H\*2SO\*4,COMB GASES.

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

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