

FISHER SCIENTIFIC, CHEMICAL DIV. -- P220-500 POTASSIUM CHROMATE -- 6810-00-241-8422
===== Product Identification =====

Product ID:P220-500 POTASSIUM CHROMATE
MSDS Date:03/15/1995
FSC:6810
NIIN:00-241-8422
MSDS Number: BMDNW
=== Responsible Party ===
Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.
Address:1 REAGENT LANE
City:FAIR LAWN
State:NJ
ZIP:07410
Country:US
Info Phone Num:201-796-7100
Emergen
cy Phone Num:201-796-7100/800-424-9300(CHEMTREC)
CAGE:1B464
=== Contractor Identification ===
Company Name:FISHER SCIENTIFIC CO
Address:2000 PARK LN
Box:City:PITTSBURGH
State:PA
ZIP:15275
Country:US
Phone:412-490-8586
CAGE:22527
Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV
Address:1 REAGENT LANE
Box:City:FAIRLAWN
State:NJ
ZIP:07410-2802
Country:US
Phone:201-796-7100
CAGE:1B464

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

Ingred Name:POTASSIUM CHROMATE (SARA 313)

(CERCLA); (CHROMIC ACID
DIPOTASSIUM SALT)

CAS:7789-00-6

RTECS #:GB2940000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 0.1 MG(CRO3)/M3

ACGIH TLV:0.5 MG(CR)/M3,A4; 96

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:ORAL MOUSE LD50+180MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:EYE:CONT

ACT MAY CAUSE SEVERE

IRRIT,POSSIBLE EYE BURNS.EXPO TO PARTICULATES/SOLN MAY CAUSE
CONJUNCTIVITIS,ULCERATION,CORNEAL ABNORMALITIES.SKIN:SENS,ALLERGIC
RX WHICH BECOMES EVIDENT UPON RE-EXPO TO MA TL.IRRIT,POSSIBLE
BURNS,ESPECIALLY IF SKIN IS WET/MOIST,CAUSE DEEP PENETRATING
ULCERS,DERM.INGEST:MAY CAUSE (SUPPLMENT)

Explanation of Carcinogenicity:PER MSDS:CARCI:CA-CARCI AS CR VI

CMPDS;IARC:GROUP 3 AS CR;NTP:KNOWN CARCI;OSHA:SELECT CARCINOGEN.

Effects of Overexposure:CAUSES SEV

ERE EYE/SKIN BURNS.CAUSES SEVERE

DIGESTIVE TRACT & RESPIRATORY TRACT BURNS.REPEATED SKIN CONTACT MAY
CAUSE SENSITIZATION.REPEATED INHAL MAY CAUSE
CONGESTION,COUGHING,SHORTNESS OF BREATH,POSSIBLY ALLERGIC
BRONCHITIS.MAY CAUSE CANCER IN HUMANS.

Medical Cond Aggravated by Exposure:TARGET ORGANS:KIDNEYS,LIVER.

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

First Aid:EYE:FLUSH W/PLENTY OF H2O FOR @15MINS,LIFT EYELIDS.GET MED

AID IMMED.SKIN:GET MED AID IMME

D.FLUSH W/PLENTY OF SOAP/H2O FOR

@LEAST 15MINS.REMOVE CONTAM CLOTH/SHOES.INGEST:DONT INDUCE
VOMIT.CONSC/ALERT GIVE 2-4CUPFULS OF MILK/H2O.NEVER GIVE ANYTHING
BY MOUTH IF UNCONSC.GET MED AID IMMED.INHAL:GET MED AID IMMED.MOVE
TO FRESH AIR.NOT BREATH GIVE ART RESP;DIFF BREATH GIVE OXY.DR:TREAT
SYMPT/SUPPORT

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

Flash Point:NONE REPORTED

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:NONE REPORTD

Upp

er Limits:NONE REPORTD

Extinguishing Media:IN CASE OF FIRE USE WATER,DRY CHEMICAL,CHEMICAL FOAM,OR ALCOHOL-RESISTANT FOAM.

Fire Fighting Procedures:AS IN ANY FIRE WEAR SCBA IN PRESSURE-DEMAND MSHA/NIOSH(APPROV/EQUIV)& FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:DANGER!CORROSIVE.STRONG OXIDIZER.CONTACT W/COMBUSTIBLE MATLS MAY CAUSE FIRE.

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

Spill Release Procedures:USE PPE.ABSORB W/INERT MATL(DRY SAND,EARTH

)THEN PLACE INTO CHEM WASTE CNTNR.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE W/ADEQU VENTI.AVOID CONTACT W/CLOTH/OTHER COMBUST MATL.DONT GET ON SKIN/EYES.DONT INGEST/INHAL.DONT STORE NEAR COMBUST MATL.STORE IN COOL DRY PLAC

Other Precautions:KEEP AWAY FROM REDUCING AGENTS.KEEP CNTNRS TIGHTLY CLSD.

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

Res

piratory Protection:FOLLOW OSHA RESPIRATOR REGS FOUND IN 29CFR1910.134.ALWAYS USE NIOSH-APPROVED RESPIRATOR WHEN NECESSARY.

Ventilation:USE ADEQUATE VENTI TO KEEP AIRBORNE CONCEN LOW.

Protective Gloves:PROTECTIVE GLOVES

Eye Protection:PROT EYEGLASS,CHEM SAF GOG-29CFR1910.133

Other Protective Equipment:WEAR APPROPRIATE PROT CLOTH TO MIN CONTACT W/SKIN.

Work Hygienic Practices:WASH THOROUGHLY AFT HNDLG.REMOVE CONTAM CLOTH/WASH BEF REUSE.DISCARD CONTAM SHOES.

Supplemental Safety and Hea

lth

PH:>7 IN SOLN. HEALTH:LIVER/KIDNEY DMG.MAY CAUSE SEVERE GI TRACT IRRIT W/ABD PAIN,NAU,VOMIT,DIARR.INHAL:ASTHMATIC ATTACKS DUE TO ALLERGIC SENS OF RESP TRACT.ULCERATION/PERFOR OF NASAL SEPTUM,SEV IRRIT UPPER RESP TRACT,CHEM BRONCHITIS.CHRONIC:ASTHMA,PERF OF NASAL SEPTUM,CHRONIC BRONCHITIS,LIV/KID DMG,CAN IN HUMANS.

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

HCC:D1

Boiling Pt:B.P. Text:N/AVAI

Melt/Freeze Pt:M.P/F.P Text:1787F,975C

Decomp Temp:Decomp

Text:N/AVAI
Vapor Pres:NA
Vapor Density:NA
Spec Gravity:2.7320
pH:SUPPLE
Viscosity:NA
Solubility in Water:SOLUBLE
Appearance and Odor:SOLID,YELLOW CRYSTALS OR POWDER,ODORLESS
Percent Volatiles by Volume:NP
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS,HYDRAZINE.
Stability Condition to Avoid:INCOMPATIBLE MATERIALS.
Hazardous Decomposition Products:OXIDES OF POTASSIUM.

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= Disposal Considerations =====

Waste Disposal Methods:DISPO OF IN MANNER CONSISTENT W/FED/STATE/LOC
REGS.NOT LISTED AS MATL BANNED FROM LAND DISPO ACCORDING TO
RCRA.HAZ SUBST UNDER CWA.

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