

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

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Product Identification  
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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

Emergenc

y 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

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Composition/Information on Ingredients  
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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:CONTA

CT 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 SEVE

RE 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 IMMED

.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

Uppe

r 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 =====

Resp

iratory 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 Heal

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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.

===== 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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