

CITY CHEMICAL CORPORATION -- POTASSIUM CHROMATE -- 6810-00-985-7092

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Product Identification  
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Product ID:POTASSIUM CHROMATE

MSDS Date:01/11/1990

FSC:6810

NIIN:00-985-7092

MSDS Number: BLDBJ

=== Responsible Party ===

Company Name:CITY CHEMICAL CORPORATION

Address:132 W 22ND STREET

City:NEW YORK

State:NY

ZIP:10011

Country:US

Info Phone Num:201-653-6900

Emergency Phone Num:212-929-2723

Prep

Preparer's Name:PETER WOLPERT

CAGE:83628

=== Contractor Identification ===

Company Name:CITY CHEMICAL CORPORATION

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-248-2436

CAGE:83628

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Composition/Information on Ingredients  
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Ingredient Name:POTASSIUM CHROMATE (SARA III)

CAS:7789-00-6

RTECS #:GB2940000

Fraction by Wt: 100%

OSHA PEL:C,0.1 MG/M3 CRO3

ACGIH TLV:0.5 MG CR/M3; 9293

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingredient Name:SUPP

DATA: DILUTE FERROUS SULFATE OR SODIUM SULFITE SOLUTION.

RTECS #:9999999ZZ

Inged Name:HNDLG/STOR PREC: HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN.

RTECS #:9999999ZZ

Inged Name:VENT: LOCAL EXHAUST IS GENERALLY PREFERRED, BECAUSE IT CAN CONTROL THE EMISSIONS OF THE CONTAMINANT AT SOURCE, (ING 5)

RTECS #:9999999ZZ

Inged Name:ING 4: PREVENTING DISPERSION OF IT INTO THE GENERAL WORK AREA.

RTECS #:9999999ZZ

Inged Name:EYE PROT: MAY ADD FULL LENGTH FACESHIELD TO GOG GLES WHERE

DUSTING OR SPLASHING OF SOLUTIONS IS POSSIBLE. (ING 7)

RTECS #:9999999ZZ

Inged Name:ING 6: CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING W/THIS MATERIAL.

RTECS #:9999999ZZ

Inged Name:OTHER PROT EQUIP: MAINTAIN EYEWASH FOUNTAIN AND QUICK-DRENCH FACILITIES IN WORK AREA.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Report

s of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CHRONIC: PRLNG/RPTD SKIN EXPOS MAY CAUSE DERMATITIS. KNOWN CARCINOGEN. ACUTE: EYES: MAY CAUSE REDNESS, PAIN, & BLURRED VISION. SKIN: MAY CAUSE IRRIT, REDNESS, ULCERATIONS & SCARRING. MAY BECOME SENSIT IZED. ABSORPTION THROUGH THE SKIN MAY CAUSE SYSTEM POISONING: SYMPTOMS MAY PARALLEL INGESTION. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:MANUFACTURER:KNOWN CARCINOGEN.

Effects of Overexposure:

HLT HAZ: INHAL: MAY CAUSE IRRIT TO THE RESP TRACT, COUGHING, WHEEZING, FEVER, HDACH & LABORED BRTHG. MAY PRODUCE PULM SENSIT. INGEST: MAY CAUSE ABDOM PAIN, VOMIT, DIARR, DIZZ, INTENSE THIRST, SHOCK, & LIVER DMG. MAY BE FOLLOWED BY CIRCULATORY COLLAPSE & TOX NEPHRITIS. FATAL DOSE IS APPROX 5 GRAMS. Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS SUBSTANCE.

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First Aid Measures  
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First Aid: EYE: WASH W/PLENTY OF WATER FOR AT LEAST 15 MIN, LIFTING LOWER/UPPER EYELIDS OCCASIONALLY. GET MED ATTN IMMED. SKIN: IMMED FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN WHILE REMOVING CONTAM CLTHG/SHOES . CALL MD. INHAL: REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE O\*2. CALL MD. INGEST: INDUCE VOMIT IMMED BY GIVING 2 GLASSES OF WATER & STICKING FINGER DOWN (SUPP DATA)

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Fire Fighting Measures  
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Flash Point: NON-COMBUSTIBLE  
Extinguishing Media: WATER, CARBON DIOXIDE, OR DRY CHEMICAL.  
Fire Fighting Procedures: WEAR NIOSH/MSHA APPRVD PRESSURE DEMAND SCBA & FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard: FIRE: NOT COMBUST, BUT SUBSTANCE IS A STRONG OXIDIZER, & ITS HEAT OF RXN W/REDUCING AGENTS & COMBUST MAY CAUSE IGNITION. RELEASES O\*2 UPON DECOMP (SUPP DATA)

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Accidental Release Measures  
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Spill Release  
Procedures: VENT AREA OF LEAK/SPILL. CLEAN-UP PERS ARE REQD TO WEAR A NIOSH/MSHA APPRVD SCBA & OTHER PROT CLTHG, (I.E. RUBBER BOOTS & HEAVY RUBBER GLOVES, ETC). PICK-UP/PLACE IN A SUITABLE CONTR FOR RECLAMATION/D ISPOSAL IN A METHOD THAT DOES NOT (SUPPDATA)  
Neutralizing Agent: DILUTE FERROUS SULFATE OR SODIUM SULFITE SOLUTIONS.

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Handling and Storage  
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Handling and Storage Precautions: DANGER! STRONG OXIDIZER. CONT W/OTHER MATL MAY C

AUSE FIRE. CAUSES BURNS. CONTAINS HEXAVALENT CHROMIUM.

EXPOS MAY CREATE A CANCER RISK. (ING 3)

Other Precautions:KEEP FROM CONTACT W/CLTHG & OTHER COMBUST MATLS.

STORE IN A TIGHTLY CLOSED CONTR. DO NOT BREATHE DUST. USE ONLY  
W/ADEQUATE VENTILATION. AVOID CONTACT W/EYES, SKIN & CLTHG. PRODUCT  
REGULATED UNDER 49 C FR.

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

Respiratory Protection:IF AIRBORNE CONC EXCEEDS TLV, A NIOSH/MSHA  
APPRVD DUST/MIST RESP IS R

ECOMMENDED. IF CONC EXCEEDS CAPACITY OF  
RESP, A NISOH/MSHA APPRVD SCBA IS ADVISED.

Ventilation:LOCAL &/OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE  
EXPOSURES BELOW THE AIRBORNE EXPOSURE LIMITS. (ING 4)

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES, (ING 6)

Other Protective Equipment:WEAR IMPERVIOUS PROTECTIVE CLOTHING,  
INCLUDING BOOTS, GLOVES, LAB COAT, APRON OR OVERALL TO PREVENT SKIN  
CONT. (ING 8)

Work Hygienic Practices:WASH THOROUGHLY AFTER HA  
NDLING. REMOVE & WASH  
CONTAMINATED CLOTHING PROMPTLY.

Supplemental Safety and Health

EXPLO HAZ: WHICH ENHANCES COMBUST. EXPLOSION: CONT W/OXIDIZABLE  
SUBSTANCES MAY CAUSE EXTREMELY VIOLENT COMBUST. FIRST AID PROC:  
THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCON PERSON. CALL MD  
IMMED. SPILL PROC: GENERATE DUST. KEEP OUT OF SEWERS. AFTER MATL  
PICK-UP IS COMPLETE, FLUSH AREA OF SPILL W/WATER OR (ING 2)

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

HCC:D

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

Spec Gravity:2.7319

Solubility in Water:APPRECIABLE 10%

Appearance and Odor:LEMON YELLOW CRYSTALS. ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLE MATERIALS, STRONG REDUCING AGENTS, OR OTHER OXIDIZABLE  
MATERIALS.

Stability Condition to Avoid:NONE INDICATED.

Hazardous Decomposition Products:WHEN HEATED TO DECOMPOSITION, IT EMITS  
OXYGEN AND TOXIC OXIDES OF CHROMIU

M AND POTASSIUM.

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

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE  
DISPOSED IN AN APPRVD HAZ WASTE FACILITY. DISPOSE I/A/W LOCAL,  
STATE, & FEDERAL ENVIRONMENTAL REGULATIONS. EPA#D007.

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