

OCCIDENTAL CHEMICAL CORPORATION -- POTASSIUM BICHROMATE(CRYSTALS) #M1245 --  
6810-00-264-6525

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

Product ID:POTASSIUM BICHROMATE(CRYSTALS) #M1245

MSDS Date:06/20/1983

FSC:6810

NIIN:00-264-6525

MSDS Number: BDQMN

=== Responsible Party ===

Company Name:OCCIDENTAL CHEMICAL CORPORATION

Address:CUSTOMER SERVICE, OCCIDENTAL TOWER

Box:809050

City:DALLAS

State:TX

ZIP:75380

Country:US

Info Phone Num:800-752-5151, 716-286-3400

Emergency Phone Num:800-733-3665/716-278-7021

CAGE:0AH54

=== 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

Company Name:OCCIDENTAL CHEMICAL CORPORATION

Address:5005 LYNDON B JOHNSON FWY

Box:City:DALLAS

State:TX

ZIP:75244-6198

Country:US

Phone:800-752-5151/972-404-3800

CAGE:0AH54

===== Composit

ion/Information on Ingredients =====

Ingred Name:POTASSIUM BICHROMATE (SARA III)  
CAS:7778-50-9  
RTECS #:HX7680000  
Fraction by Wt: 100.0%  
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

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 57 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE:INHALATION MAY CAUSE IRRITATION OF THE NASAL SEPTUM & RESPIRATORY TRACT. SKIN:MAY FORM CHROME SORES,MAY DAMAGE TO KIDNEY. EYES:SEVERE IRRITATION,DAMAGE OF EYES. CHRONIC:CONJUNCTIVITIS,CHROME SORES,NASAL SEPTUM.  
Explanation of Carcinogenicity:CHROMIUM IS SUSPECTED CARCINOGEN,CAUSES NASAL CANCER.  
Effects of Overexposure:SKIN:MAY CAUSE IRRITATION;EYES:CAUSES IRRITATION TO CONJUNCTIVITIS;INH:IRRITATES RESPIRATORY SYSTEM.  
Medical Conditions Aggravated by Exposure:NO DATA AVAILABLE.

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

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF NEED;EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MIN;SKIN:FLUSH WITH LARGE AMOUNTS OF WATER;INGEST:RINSE MOUTH;CLOTHING PENETRATED WITH SOLUTIONS/DUST SHOULD BE REMOVED PROMPTLY & WASHED BEFORE RE-USE;GET MEDICAL ATTENTION FOR ANY PROBLEM.

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

Extinguishing Media:CO\*2, FOAM, DRY CHEM.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.  
Unusual Fire/Explosion Hazard:IN PRESENCE OF STRONG ACIDS IT MAY IGNITE OXIDIZABLE SUBSTANCES

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

Spill Release Procedures:SOLIDS MAY BE SHOVELLED UP.AREA SHOULD BE FLUSHED WITH WATER.REMAINING TRACES SHOULD BE NEUTRALIZED WITH SODA ASH.DISSOLVED SOLIDS MAY THEN BE TREATED BY APPROPRIATE WASTE DISPOSAL METHOD.

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

Handling and

Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED. MAINTAIN STANDARD HYGIENE FOR CHEM HANDLING.

Other Precautions:AVOID CONTACT WITH SKIN OR EYES.AVOID BREATHING MISTS OR DUSTS.DO NOT TAKE INTERNALLY.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST, IF ABOVE PEL/TLV.

Ventilation:LOCAL EXHAUST PREFERRED, MECHANICAL EXHAUST ACCEPTABLE.

Protective Gloves:RUBBER/PLASTIC

Eye Protection:FACE SHIELD AND GOGGLES/CHEMICAL GOGGLES

Other Protective Equipment:SKIN AND EYES PROTECTION IS REQUIRED; EYE-WASH, SAFETY SHOWER, BOOTS, RUBBER SUITS.

Work Hygienic Practices:AVOID CONTACT WITH SKIN AND EYES.DO NOT BREATHE VAPORS/MIST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

MSDS RECEIVED ON MAY 19, 1988; DIAMOND SHAMROCK HAS BEEN BOUGHT BY OCCIDENTAL CHEMICAL.

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

HCC:D2

Melt/Freeze Pt:M.P/F.P Text:748F/398C

Spec Gravity:2.68

pH:3.6-4

Solubility in Water:MODERATE

Appearance and Odor:PH IS OF SOLUTION.

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS/OXIDIZBLE MATL IF IN PRESENCE OF STRONG ACIDS.

Stability Condition to Avoid:MILDLY OXIDZG IN SOLN BUT STRONGLY OXDZBLE IN STRNG ACID SOLN

Hazardous Decomposition Products:NONE

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===== Disposal Consid

erations =====

Waste Disposal Methods:REDUCE HEXAVALENT CHROMIUM TO TRIVALENT BY  
TREATING WITH SOD BISULFITE,SOD SULFITE,SO\*2 OR FESO\*4 OR CHLORIDE  
PRECIPITATE REDUCE CHROMIUM AS HYDROUS CHROMIC OXIDE BY NEUTRLZNG  
TO PH 7.5 WITH SODA ASH, NAOH OR LIME.DISPOSE IAW  
FED,STATE/LOCALLAWS.

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