

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

C

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

===== Compositi

on/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 W
LG AMTS H*2O FOR 15 MIN;SKIN:FLUSH W LG AMTS H*2O;INGEST:RINSE
MOUTH;CLOTHING PENETRATED W/SOLNS/DUST SHOULD BE REMOVED PROMPTLY &
WASHED BEFORE RE-USE;GET MED 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 W/H*2O.REMAINING TRACES SHOULD BE NEUTRALIZED W/SODA
ASH.DISSOLVED SOLIDS MAY THEN BE TREATED BY APPROPRIATE WASTE
DISPOSAL METHOD.

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

Handling and S

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.

=====
===== 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.

=====
===== 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.

=====
===== 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

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

rations =====

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.

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 Ameri
ca 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.