

MATERIAL SAFETY DATA SHEET

POTASSIUM BICHROMATE(CRYSTALS) #M1245

Section 1 - Product and Company Identification

POTASSIUM BICHROMATE(CRYSTALS) #M1245

Product Identification: POTASSIUM BICHROMATE(CRYSTALS) #M1245

Date of MSDS: 06/20/1983 **Technical Review Date:** 12/06/1999

FSC: 6810 **NIIN:** 00-264-6525

Submitter: D DG

Status Code: C

MFN: 01

Article: N

Kit Part: N

Manufacturer's Information

Manufacturer's Name: OCCIDENTAL CHEMICAL CORPORATION

Post Office Box: 809050

Manufacturer's Address1: CUSTOMER SERVICE, OCCIDENTAL TOWER

Manufacturer's Address2: DALLAS, TX 75380

Manufacturer's Country: US

General Information Telephone: 800-752-5151, 716-286-3400

Emergency Telephone: 800-733-3665/716-278-7021

Emergency Telephone: 800-733-3665/716-278-7021

MSDS Preparer's Name: N/K

Proprietary: N

Reviewed: Y

Published: Y

CAGE: 0AH54

Special Project Code: N

Item Description

Item Name: POTASSIUM DICHROMATE, TECHNICAL

Item Manager: S9G

Specification Number: NK

Type/Grade/Class: NK
Unit of Issue: BT **Quantitative Expression:** 00000000005LB
Unit of Issue Quantity: 4
Type of Container:

Contractor Information

Contractor's Name: CHEMICAL COMMODITIES AGENCY, INC.
Contractor's Address1: 27447 PACIFIC STREET
Contractor's Address2: HIGHLAND, CA 92346-2640
Contractor's Telephone: 909-864-2310
Contractor's CAGE: 60777

Contractor Information

Contractor's Name: OCCIDENTAL CHEMICAL CORPORATION
Contractor's Address1: 5005 LYNDON B JOHNSON FWY
Contractor's Address2: DALLAS, TX 75244-6198
Contractor's Telephone: 800-752-5151/972-404-3800
Contractor's CAGE: 0AH54

Section 2 - Compositon/Information on Ingredients
POTASSIUM BICHROMATE(CRYSTALS) #M1245

Ingredient Name: POTASSIUM BICHROMATE (SARA III)
Ingredient CAS Number: 7778-50-9 **Ingredient CAS Code:** M
RTECS Number: HX7680000 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: 100.0
% Enviromental Weight:
Other REC Limits: N/P
OSHA PEL: C,0.1 MG/M3 CRO3 **OSHA PEL Code:** M
OSHA STEL: OSHA STEL Code:
ACGIH TLV: 0.5 MG CR/M3; 9293 **ACGIH TLV Code:** M

ACGIH STEL: N/P ACGIH STEL Code:

EPA Reporting Quantity: 10 LBS

DOT Reporting Quantity: 10 LBS

Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview

POTASSIUM BICHROMATE(CRYSTALS) #M1245

Health Hazards Acute & 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 SOR ES,NASAL SEPTUM.

Signs & Symptoms of Overexposure:

SKIN:MAY CAUSE IRRITATION;EYES:CAUSES IRRITATION TO CONJUNCTIVITIES;INH: IRRITATES RESPRTRY SYSTEM.

Medical Conditions Aggravated by Exposure:

NO DATA AVAILABLE.

LD50 LC50 Mixture: ORAL LD50 (RAT) IS 57 MG/KG

Route of Entry Indicators:

Inhalation: YES

Skin: YES

Ingestion: YES

Carcenogenicity Indicators

NTP: YES

IARC: YES

OSHA: YES

Carcinogenicity Explanation: CHROMIMIUM IS SUSPECTED CARCINOGEN,CAUSES NASAL CANCER.

Section 4 - First Aid Measures

POTASSIUM BICHROMATE(CRYSTALS) #M1245

First Aid:

INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES:FLUSH W LG AMTS H*20 FOR 15 MIN;SKIN:FLUSH W LG AMTS H*20;INGEST:RINSE MOUTH;CLOTHG PENETRTRD W/ SOLNS/DUST SHOULD BE REMOVE PROMPTLY & WASHD BEFORE RE-USE;GET MED ATTN FOR ANY PROBLEM.

Section 5 - Fire Fighting Measures
POTASSIUM BICHROMATE(CRYSTALS) #M1245

Fire Fighting Procedures:

USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

Unusual Fire or Explosion Hazard:

IN PRESENCE OF STRONG ACIDS IT MAY IGNITE OXDIZABLE SUBSTANCES

Extinguishing Media:

CO*2, FOAM, DRY CHEM.

Flash Point: Flash Point Text: N/A

Autoignition Temperature:

Autoignition Temperature Text: N/K

Lower Limit(s): N/A

Upper Limit(s): N/A

Section 6 - Accidental Release Measures
POTASSIUM BICHROMATE(CRYSTALS) #M1245

Spill Release Procedures:

SOLIDS MAY BE SHOVELED UP.AREA SHOULD BE FLUSHED W/H*20.REMAINING TRACES SHOULD BE NEUTRALIZED W/SODA ASH.DISSOLVED SOLIDS MAY THEN BE TREATED BY APPROPRIATE WASTE DISPOSAL METHOD.

Section 7 - Handling and Storage
POTASSIUM BICHROMATE(CRYSTALS) #M1245

Handling and Storage Precautions:**Other Precautions:**

Section 8 - Exposure Controls & Personal Protection
POTASSIUM BICHROMATE(CRYSTALS) #M1245

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 Health & Safety Information: MSDS RECEIVED ON MAY 19,1988;DIAMOND SHAMROCK HAS BEEN BOUGHT BY OCCIDENTAL CHEMICAL.

Section 9 - Physical & Chemical Properties

POTASSIUM BICHROMATE(CRYSTALS) #M1245

HCC: D2

NRC/State License Number: N/R

Net Property Weight for Ammo: N/R

Boiling Point: Boiling Point Text: N/R

Melting/Freezing Point: Melting/Freezing Text: 748F/398C

Decomposition Point: Decomposition Text: N/K

Vapor Pressure: N/R Vapor Density: N/R

Percent Volatile Organic Content:

Specific Gravity: 2.68

Volatile Organic Content Pounds per Gallon:

pH: 3.6-4

Volatile Organic Content Grams per Liter:

Viscosity: N/P

Evaporation Weight and Reference: N/R

Solubility in Water: MODERATE

Appearance and Odor: PH IS OF SOLUTION.

Percent Volatiles by Volume: N/R

Corrosion Rate: N/K

Section 10 - Stability & Reactivity Data

POTASSIUM BICHROMATE(CRYSTALS) #M1245

Stability Indicator: YES

Materials to Avoid:

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

Stability Condition to Avoid:

MILDLY OXIDZG IN SOLN BUT STRNGLY OXDZBLE IN STRNG ACID SOLN

Hazardous Decomposition Products:

NONE

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

N/A

Section 11 - Toxicological Information
POTASSIUM BICHROMATE(CRYSTALS) #M1245

Toxicological Information:

N/P

Section 12 - Ecological Information
POTASSIUM BICHROMATE(CRYSTALS) #M1245

Ecological Information:

N/P

Section 13 - Disposal Considerations
POTASSIUM BICHROMATE(CRYSTALS) #M1245

Waste Disposal Methods:

REDUCE HEXAVALENT CHROMIUM TO TRIVALENT BY TREATING WITH SOD BISULFITE, SOD SULFITE, SO₂ OR FESO₄ 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.

Section 14 - MSDS Transport Information
POTASSIUM BICHROMATE(CRYSTALS) #M1245

Transport Information:

N/P

Section 15 - Regulatory Information
POTASSIUM BICHROMATE(CRYSTALS) #M1245

SARA Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Section 16 - Other Information
POTASSIUM BICHROMATE(CRYSTALS) #M1245

Other Information:

N/P

HMIS Transportation Information

Product Identification: POTASSIUM BICHROMATE(CRYSTALS) #M1245

Transportation ID Number: 63266

Responsible Party CAGE: 0AH54

Date MSDS Prepared: 06/20/1983

Date MSDS Reviewed: 12/06/1999

MFN: 12/06/1999

Submitter: D DG

Status Code: C

Container Information

Unit of Issue: BT

Container Quantity: 4

Type of Container:

Net Unit Weight: 5.0 LBS

Article without MSDS: N

Technical Entry NOS Shipping Number: POTASSIUM DICHROMATE

Radioactivity:

Form:

Net Explosive Weight:

Coast Guard Ammunition Code:

Magnetism: N/P

AF MMAC Code:

DOD Exemption Number:

Limited Quantity Indicator:

Multiple Kit Number: 0

Kit Indicator: N

Kit Part Indicator: N

Review Indicator: Y

Additional Data:

RQ = 10 LBS. PSN PER MFR.

Department of Transportation Information

DOT Proper Shipping Name: TOXIC SOLIDS, OXIDIZING, N.O.S.

DOT PSN Code: QMN

Symbols: G

DOT PSN Modifier:

Hazard Class: 6.1

UN ID Number: UN3086

DOT Packaging Group: I

Label: POISON, OXIDIZER

Special Provision(s):

Packaging Exception: NONE

Non Bulk Packaging: 211
Bulk Packaging: 242
Maximum Quantity in Passenger Area: 1 KG
Maximum Quantity in Cargo Area: 15 KG
Stow in Vessel Requirements: C
Requirements Water/Sp/Other:

IMO Detail Information

IMO Proper Shipping Name: TOXIC SOLID, OXIDIZING, N.O.S. o
IMO PSN Code: OTS
IMO PSN Modifier:
IMDG Page Number: 6270-4
UN Number: 3086
UN Hazard Class: 6.1
IMO Packaging Group: I/II
Subsidiary Risk Label: OXIDIZING AGENT
EMS Number: 6.1-04
Medical First Aid Guide Number: T

IATA Detail Information

IATA Proper Shipping Name: TOXIC SOLID, OXIDIZING, N.O.S. *
IATA PSN Code: YJM
IATA PSN Modifier:
IATA UN Id Number: 3086
IATA UN Class: 6.1
Subsidiary Risk Class: 5.1
UN Packaging Group: I
IATA Label: TOXIC & OXIDIZER
Packaging Note for Passengers: 606
Maximum Quantity for Passengers: 1KG
Packaging Note for Cargo: 607
Maximum Quantity for Cargo: 15KG
Exceptions: A5

AFI Detail Information

AFI Proper Shipping Name: TOXIC SOLID, OXIDIZING, N.O.S.
AFI Symbols: *
AFI PSN Code: YIJ
AFI PSN Modifier:
AFI UN Id Number: UN3086
AFI Hazard Class: 6.1
AFI Packing Group: I
AFI Label: 5.1
Special Provisions: P5
Back Pack Reference: A10.6

HAZCOM Label Information

Product Identification: POTASSIUM BICHROMATE(CRYSTALS) #M1245
CAGE: 0AH54
Assigned Individual: N
Company Name: OCCIDENTAL CHEMICAL CORPORATION
Company PO Box:
Company Street Address1: 5005 LYNDON B JOHNSON FWY
Company Street Address2: DALLAS, TX 75244-6198 US
Health Emergency Telephone:
Label Required Indicator: Y
Date Label Reviewed: 12/16/1998
Status Code: C
Manufacturer's Label Number:
Date of Label: 12/16/1998
Year Procured: N/K
Organization Code: F
Chronic Hazard Indicator: N/P
Eye Protection Indicator: N/P
Skin Protection Indicator: N/P
Respiratory Protection Indicator: N/P
Signal Word: N/P
Health Hazard:
Contact Hazard:
Fire Hazard:
Reactivity Hazard:

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