

POTASSIUM CHROMATE

MSDS Number

BHCNB

National Stock Number

6810-00-281-2688

Product Name

POTASSIUM CHROMATE

Manufacturer

SPECTRUM CHEMICAL MANUFACTURING CORP

Product Identification

Product ID:POTASSIUM CHROMATE

MSDS Date:04/12/1989

FSC:6810

NIIN:00-281-2688

MSDS Number: BHCNB

Responsible Party

SPECTRUM CHEMICAL MANUFACTURING CORP.

14422 SOUTH SAN PEDRO STREET

GARDENA , CA 90248-2027

US

Emergency Phone: 213-516-8000

Info Phone: 213-516-8000

Cage: 63415

Contractor

SPECTRUM LABORATORY PRODUCTS INC

GARDENA, CA 90248-2027

US

310-516-9843

Cage: 63415

Ingredients

POTASSIUM CHROMATE (SARA III)

CAS: 7789-00-6

RTECS: GB2940000

Fraction By Weight: 99.0%

OSHA PELC,0.1 MG/M3 CRO3

ACGIH TLV: 0.5 MG CR/M3; 9293

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

Hazards

LD50 LC50 Mixture:11 MG/KG INTRAMUSCULAR-RABBIT

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G,I.TRACT;REDNESS OR BURNS OF EYES AND

SKIN;CORROSIVE/SENSITIZER;SEVERE NOSE AND THROAT

IRRITATION.COUGHING AND CHEST PAIN.CHRONIC: G.I,LIVER ,LUNGS AND KI DNEY DAMAGE.

Explanation of Carcinogenicity:DATA PER MGF MSDS;HEXAVALENT CHROMIUM IS LISTED CARCINOGEN BY NTP AND IARC.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid

First Aid:EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT 15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION IMMEDIATELY.

Fire Fighting

Flash Point:NONE

Extinguishing Media:NOT FLAMMABLE;USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG IF APPLICABLE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NEGLIGIBLE

Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Handling

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:WASH THOROUGHLY AFTER EACH USE.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/GOGGLES/FACE SHIELD

Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT EAT,DRINK,SMOKE.

Supplemental Safety and Health

Chemical Properties

HCC:V1

Melt/Freeze Pt:M.P/F.P Text:1775F,968C

Spec Gravity:3.0

pH:BASIC

Solubility in Water:APPRECIABLE

Appearance and Odor:ODORLESS,YELLOW SOLID CRYSTLS

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS;COMBUSTIBLE SUBSTANCES LIKE WOOD,PAPER.

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:TOXIC OXIDES OF POTASSIUM AND CHROMIUM.

Disposal

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

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