MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click http://www.lookchem.com/cas-777/7778-50-9.html for suppliers of this product.

Composition/Information on Ingredient

Cas:
7778-50-9
Code:
M

RTECS:
HC6680000
Code:
M

Name:
POTASSIUM BICHROMATE (SARA III)

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
C,0.1 MG/M3 CRO3
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
0.5 MG CR/M3; 9293
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
5 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

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

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

Supplemental Safety and Health:
WASH THOROUGHLY AFTER EACH USE.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
N/P

Health Hazards Acute And Chronic:
ACUTE:IRRITATION OF EYES,SKIN,RESPIRATORY OR G,I.TRACT;SEVERE IRRITATION/BURN OF EYES OR SKIN OR EYE DAMAGE.CHRONIC:SENSITIZATION,KIDNEY OR LIVER DAMAGE.

Explanation Of Carcinogenicity:
SOME CHROMIUM VI COMPOUNDS ARE KNOWN CARCINOGEN

Signs And Symptions Of Overexposure:
EYES;SKIN: CAUSES BURNS. INH: CAUSES IRRIT OF MUCOUS MEMBRANE.

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

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.

Spill Release Procedures:
SWEEP UP DRY POWDER. SPILLS OR LEAKS SHOULD BE CONTAINED W/ AN INERT ABSORBENT. COLLECT SPILLED MATERIAL. FLUSH AREA W/ WATER & NEUTRALIZE REMAINING TRACES W/ SODA ASH. DISPOSE OF ALL MATERIALS BY APP ROPRIATE WASTE DISPOSAL METHOD. 4

Neutralizing Agent:
N/R

Waste Disposal Methods:
MFR RECOMMENDS REDUCING HEXAVALENT CHROMIUM TO THE TRIVALENT FORM, ALLOW TRIVALENT FORMS OF CHROMIUM & FLUORIDES TO PRECIPITATE.ALLOW TO SETTLE,REMOVE SLUDGE,HAUL AWAY.NEUTRALIZE,DILUTE & DISCHARGE RE MAINDER.DISPOSAL MUST BE IAW FED,ST & LOCAL CODE

Handling And Storage Precautions:
SUITABLE FOR GENERAL INDOOR STORAGE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM COMBUSTIBLE,ORGANIC/READILY OXIDIZABLE MATERIALS.

Other Precautions:
AVOID CONTACT W/ EYES, SKIN & CLOTHING. AVOID INH OF MIST, FUMES/DUST.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
USE MEDIA SUITABLE FOR SURROUNDING MATERIALS

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:
MAY REACT W/ COMBUSTIBLE,ORGANIC OR OTHER READILY OXIDIZABLE MATERIALS. FUMES OF SO*2,SO*3 RELEASED.

Physical/Chemical Properties

HCC:
C1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.33

VOC Pounds/Gallon:
6

PH: 1.1

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility In Water:
APPRECIABLE

Appearance and Odor:
RADDISH-WHITE GRANULAR POWDER;ODORLESS

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/A

Materials To Avoid:
COMBUSTIBLE,OXIDIZABLE,ORGANIC,ALKALINE/CHLORINE MATERIAL.

Hazardous Decomposition Products:
ACIDIC FUMES FUMES OF OXIDES OF SULFUR

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P

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