

## **SODIUM DICHROMATE**

### **MSDS Number**

BDSSX

### **National Stock Number**

6810-00-281-2686

### **Product Name**

SODIUM DICHROMATE

### **Manufacturer**

ALLIED CHEMICAL CO

### **Product Identification**

Product ID:SODIUM DICHROMATE

MSDS Date:11/01/1984

FSC:6810

NIIN:00-281-2686

MSDS Number: BDSSX

### **Responsible Party**

ALLIED CHEMICAL CO

COLUMBIA RD & PARK AVE

MORRISTOWN , NJ 07960

US

Emergency Phone: 800-522-8001

Info Phone: 201-455-4167

Cage: 1L168

### **Contractor**

CHEMICAL COMMODITIES AGENCY, INC.

HIGHLAND, CA 92346-2640

US

909-864-2310

Cage: 60777

### **Ingredients**

SODIUM BICHROMATE (SARA III)

CAS: 10588-01-9

RTECS: HX7700000

Fraction By Weight: 100%

OSHA PEL0.1 PPM CRO3;CEILING

ACGIH TLV: 0.05 MG CR/M3; 9192

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

### **Hazards**

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 50 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: INHALATION- IRRITATION OF RESPIRATORY TRACT. EYES- IRRITATION, CONJUNCTIVITIS. SKIN- IRRITATION. INGESTION- SEVERE GI TRACT IRRITATION, DAMAGE TO

KIDneys, LIVER, AND GI TRACT. CHRONIC: SKIN ULCERS, LESIONS IN NOSE, DAMAGE TO KIDNEYS, LIVER, GI TRACT, LUNG CANCER. Explanation of Carcinogenicity: CHROMATES ARE LISTED AS KNOWN CARCINOGENS BY IARC, NTP, AND THE EPA. Effects of Overexposure: INHALATION: COUGHING, SHORTNESS OF BREATH, BURNING SENSATION. EYES: REDNESS, TEARING, BURNS. SKIN: REDNESS, RASH, ITCHING, BURNS. INGESTION: NAUSEA, VOMITING. Medical Cond Aggravated by Exposure: PRE-EXISTING SKIN AND RESPIRATORY TRACT CONDITIONS WILL BE AGGRAVATED.

## First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NEEDED. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INGESTION: GIVE SEVERAL GLASSES OF WATER; INDUCE VOMITING IF CONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION. IF SORES, ULCERS, LESIONS, OR PERSISTENT BLEEDING OF NOSE OCCUR, SEE A DOCTOR.

## Fire Fighting

Flash Point: NONE  
Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard: ON DECOMPOSING PRODUCES OXYGEN WHICH WILL ENHANCE ANY EXISTING FIRE CONDITIONS.

## Accidental Release

Spill Release Procedures: CONTAIN SPILL. NEUTRALIZE. ABSORB WITH INERT MATERIAL. PLACE IN CONTAINER FOR DISPOSAL.  
Neutralizing Agent: 20 % SODIUM BICARBONATE.

## Handling

Handling and Storage Precautions: STORE IN DRY AREAS AND KEEP CONTAINER TIGHTLY CLOSED.  
Other Precautions: KEEP AWAY FROM FLAMMABLES & EASILY OXIDIZABLE MATERIALS. WOODEN FLOOR IS NOT RECOMMENDED. WEAR FRESH CLOTHING DAILY. DO NOT USE LEATHER FOOTWEAR.

## Exposure Controls

Respiratory Protection: RESPIRATOR APPROVED BY NIOSH FOR SODIUM DICHROMATE.  
Ventilation: USE ADEQUATE MECHANICAL VENTILATION.  
Protective Gloves: RUBBER  
Eye Protection: SAFETY GOGGLES  
Other Protective Equipment: RUBBER APRON & SLEEVES, FACE SHIELD, RUBBER SHOES.  
Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
STORAGE CODE ASSIGNED BASED ON AVAILABLE LITERATURE FOR HIGHLY CONCENTRATED MATERIAL EVEN THOUGH ITEM IS AN ORM-A BY DOT. HCC = D2 ASSIGNED BASED UPON THE FACT THAT ITEM IS AN OXIDIZER AND TOXIC, ALSO HAS ACUTE & CHRONIC HEALTH EFFECTS (SEE TABLE B-3 OF DLA 4145.11)

## Chemical Properties

HCC: D2  
Melt/Freeze Pt: M.P/F.P Text: 675F, 357C  
Spec Gravity: 2.35  
pH: 3.5  
Solubility in Water: APPRECIABLE  
Appearance and Odor: BRIGHT ORANGE CRYSTALS WITH NO ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES  
REDUCING AGENTS, HYDRAZINE, ACETIC ANHYDRIDE, ETHANOL, SULFURIC ACID, HYDROXYLAMINE, TRINITROTOLUENE.

Stability Condition to Avoid:HIGH TEMPERATURES.  
Hazardous Decomposition Products:OXYGEN (FIRE).

## **Disposal**

Waste Disposal Methods:CONTACT LOCAL ENVIRONMENTAL MANAGER. CONTAINS CHROMATES: HAZARDOUS WASTE # D007; EPA-TOXICITY. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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