



## **SECTION VI - HEALTH HAZARD DATA**

ROUTES OF ENTRY: Inhalation. Skin or eye contact. Ingestion.

HEALTH HAZARDS (Acute and Chronic): This product is a strong acid; it is destructive to tissues producing burns. May cause allergic skin reaction. Contact with eyes can cause severe damage. Inhalation of dust or mist can injure the respiratory tract. Ingestion may cause burns of the gastrointestinal tract. Can cause kidney damage.

CARCINOGENICITY: Chromate salts are recognized carcinogens.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation of eyes, skin, respiratory tract, or mucous membrane. Dermatitis. Coughing. Nausea. Dizziness. Headache.

### **EMERGENCY AND FIRST AID PROCEDURES**

- a. Inhalation: If inhaled remove to fresh air. If not breathing, give artificial respiration. Give oxygen if breathing is difficult. Call a physician.
- b. Skin contact: Flush skin with copious amount of water while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Destroy or thoroughly clean shoes.
- c. Eye contact: Flush eyes immediately with plenty of water for at least 15 minutes. Get immediate medical attention.
- d. Ingestion: If swallowed, do NOT induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician. Refer all cases of ingestion to a poison-control center or a physician. Vomiting should normally be initiated only on their advice and by the means they specify

## **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED.**

Contain the spill. Neutralize with sodium bicarbonate. Absorb residue with vermiculite or other inert material, then place in a container for proper disposal. Clean surface thoroughly to remove residual contamination.

### **WASTE DISPOSAL METHOD.**

Discharge, treatment, or disposal are subject to national, state, or local laws. Contract with a licensed disposal agency. Empty containers contain product residue and should be treated accordingly.

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE.**

Keep container tightly closed when not in use. Do not store or consume food, drinks, or tobacco in areas where they might be contaminated by this product. Avoid storage or contact with reducing agents and strong alkalis.

## **SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION**

VENTILATION: Good general ventilation (10 room volumes per hour) should be sufficient.

SKIN PROTECTION: Wear impervious gloves and protective clothing appropriate for the risk of exposure. Neoprene rubber has been shown to be a suitable protective material.

EYE/FACE PROTECTION: Chemical splash goggles or safety glasses with side shields and a face shield.

## **SECTION IX – REGULATORY INFORMATION**

Material (s) known to the state of California to cause cancer: Hexavalent chromium compounds.

Carcinogenicity Classification ( components present at 0.1% of more):

International Agency for research on Cancer (IARC) : Group 1, strong inorganic mists of vapors containing Sulfuric Acid, hexavalent chromium compounds.

American Conference of Governmental Industrial Hygienists (ACGIH) : Group A1 confirmed human Carcinogen, hexavalent chromium compounds

National Toxicology Program (NPT) : Hexavalent chromium compounds

Occupational Safety and Health Administration (OSHA) : None

Chemical subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments Reauthorization Act (SARA) of 1986 and CFR Part 372 : Chromium (VI) compounds (sodium dichromate).