

Hydro-Zone, Inc.  
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Emergency Telephone No.: 800-535-5053

**MATERIAL SAFETY DATA SHEET**

**NFPA Hazard Rating:**  
Health – 1, Flammability – 0, Reactivity - 0

**Waste Disposal:** Comply with all local, state and federal regulations.

\* Toxic chemical or chemicals subject to the reporting requirements of Section 313, SARA Title III.

The above information is to be used only as a guide, and does not profess to be all inclusive. Hydro-Zone, Inc. shall not be held liable for any damage resulting from the handling or contact with the above product.

N/A = Not Available  
Issue Date: 12/03  
Revised:

**I. GENERAL INFORMATION -----**

Code, Trade Name: PC8025, 160180, Potassium Chromate  
Chemical Name: Potassium Chromate in Water  
Chemical Family: Inorganic Salt in Water

**II. HAZARDOUS INGREDIENTS -----**

\* Potassium Chromate, CAS #7789-00-6 5% W/V  
TLV/PEL: N/A TXDS: orl-hmn LDLo: 50 mg/kg  
Animal suspect carcinogen: NIOSH 1978

**III. HEALTH HAZARD DATA -----**

Contact can irritate eyes, skin and mucous membranes. Toxic by ingestion and inhalation.

Routes of Entry: Ingestion, Inhalation, Skin Contact.

First Aid:

Eyes: Flush with water for at least 15 min; get immediate medical assistance.

Skin: Remove contaminated clothing and wash with soap and water.

Inhalation: Remove to fresh air & give artificial respiration if breathing has stopped.

Ingestion: Induce vomiting if patient is conscious.

**GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER EXPOSURE!**

**IV. PHYSICAL DATA -----**

Boiling Point: N/A Specific Gravity: 1.04

Vapor Density: N/A

Water Solubility: Miscible

Appearance & Odor: Clear yellow liquid

**V. FIRE & EXPLOSION HAZARD DATA -----**

Flash Point: Noncombustible

Extinguishing Media: Use media appropriate for surrounding material.

Special Procedures: Wear self contained breathing apparatus and protective clothing.

Unusual Fire & Explosion Hazards: N/A

**VI. REACTIVITY DATA -----**

Conditions To Avoid: Oxidizable materials.

Hazardous Combustion & Decomposition Products: Chromium and potassium oxides.

**VII. SPECIAL PROTECTION -----**

Provide adequate general and local exhaust ventilation.

Protect eyes and skin with safety goggles and gloves.

Do not get in eyes, on skin or clothing.

Wear self contained breathing apparatus in high vapor areas.

Do not breathe vapors or mist.

**VIII. HANDLING AND STORAGE PRECAUTIONS -----**

Keep container tightly closed.

Store in cool, dry, well ventilated area.

Keep away from combustible materials and ignition source.

Wash thoroughly after handling.

Empty containers may be hazardous due to retained residue.

DOT - Not Regulated

**IX. ENVIRONMENTAL PROTECTION -----**

Spill Response: Absorb with sand or vermiculite and scoop up and containerize for proper disposal.