POTASSIUM DICHROMATE

chrome	Solid crystals	Red to orange Odorless					
rome ssium bichromate	Sinks and mixes wit	Sinks and mixes with water.					
	 Avoid contact with solid ar and pollution control agencie akes. 						
File May Floor	flammable. v cause fire on contact with co vd discharge area with water. I exposed containers with wa	nmable. use fire on contact with combustibles. lischarge area with water.					
Exposure DUS Irritat If inh Move If bre If bre SOLI Will t If sw Rem Flust IF IN IF SV or m	ating to eyes, nose, and throa haled, will cause difficult breat e to fresh air. eathing has stopped, give arti eathing is difficult, give oxyge JDS burn skin and eyes. vallowed, will cause nausea, 1 nove contaminated clothing ar h affected areas with plenty co N EYES, hold eyelids open an WALLOWED and victim is Ct	eyes, nose, and throat. ill cause difficult breathing. sh air. has stopped, give artificial respiration. is difficult, give oxygen. in and eyes. d, will cause nausea, vomiting, or loss of consciousness. ntaminated clothing and shoes. ed areas with plenty of water. hold eyelids open and flush with plenty of water. WED and victim is CONSCIOUS, have victim drink water					
Pollution May Notify	be dangerous if it enters wat fy local health and wildlife office	s to aquatic life in high concentrations. ngerous if it enters water intakes. I health and wildlife officials. ators of nearby water intakes.					
CORRECTIVE RESP Dilute and disperse Stop discharge Collection System	se	 CHEMICAL DESIGNATIONS 1 GG Compatibility Group: Not listed. Formula: Kc/Rc/r IMO/UN Designation: 9.0/1874 DOT ID No: 1479 CAS Registry No: 7778-50-9 NAERG Guide No: 140 Standard Industrial Trade Classification: 52389 					
causes violent gas (later) toxic nephril 3 Treatment of Exposu treat like acid burn 4 TLV-TWA: Not listed. 5 TLV-STEL: Not listed 6 TLV-Ceiling: Not listed 7 Toxicity by Ingestion: 8 Toxicity by Ingestion: 9 Chronic Toxicity: Son 10 Vapor (Gas) Irritant C and can cause eve 11 Liquid or Solid Chare	istro-interitis, peripheral vasci- tits with glycosuria. Allergic r ure: INGESTION: have victin ns; external lesions may be si d. t: Grade 3; LDso to 500 mg/kg n: Currently not available. me suggestion of lung cancer Characteristics: Dusts or mi- re and lung injury. They cann acteristics: Severe skin irrita ry injurious to the eyes. lorless d. t tilsted. bit listed.	n drink water or milk; do NOT induce vomiting. SKIN: crubbed with 2% solution of sodium thiosulfate. g (human)					

4. FIRE HAZARDS 1 Flash Point: Not flammable 2 Flammable Limits in Air: Not flammable 3 Fire Extinguishing Agents: Flood spill area with water. 4 Fire Extinguishing Agents Not to Be Used: Not pertinent 5 Special Hazards of Combustion Products: Not pertinent 6 Behavior in Fire: May decompose,	7. SHIPPING INFORMATION 7.1 Grades of Purity: 99.9% 7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: No requirement 7.4 Venting: Open 7.5 IMO Pollution Category: Currently not available 7.6 Ship Type: Currently not available 7.7 Barge Hull Type: Currently not available
generating oxygen. Supports the combustion of other materials. 7 Auto Ignition Temperature: Not flammable 8 Electrical Hazards: Not pertinent 9 Burning Rate: Not flammable 10 Adiabatic Flame Temperature: Currently not available 11 Stoichometric Air to Fuel Ratio: Not pertinent. 12 Flame Temperature: Currently not available 13 Combustion Molar Ratio (Reactant to Product): Not pertinent. 14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 5. CHEMICAL REACTIVITY	8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Oxidizer 8.2 49 CFR Class: 5.1 8.3 49 CFR Package Group: Currently not available. 8.4 Marine Pollutant: No 8.5 NFPA Hazard Classification: Category Classification Health Hazard (Blue)
I Reactivity with Water: No reaction Reactivity with Common Materials: Ignition may occur when in contact with finely divided combustibles, such as sawdust. Stability During Transport: Stable Neutralizing Agents for Acids and Caustics: Not pertinent Folymerization: Not pertinent Outpertinent Materials: Aquatic Toxicity: T39 pm/724 hr/bluegil/TL/fresh water T.78 pm/7/silver salmontoxic/salt water T7.8 pm/7/silver salmontoxic/salt water T7.8 pm/724 hr/bluegil/TL/fresh water T.78 pm/74 hr/bluegil/TL/fresh water T.78 pm/74 hr/bluegil/TL/fresh Waterfowl Toxicity: Currently not available Biological Oxygen Demand (BOD): None Foad Chain Concentration Potential: None Damage to living resources: 2 Human Contact hzard: 1 Reduction of amenities: XX	 PHYSICAL & CHEMICAL PROPERTIES Physical State at 15° C and 1 atm: Solid Molecular Weight: 294.19 Boiling Point at 1 atm: Decomposes Freezing Point: 748°F = 398°C = 671°K Critical Temperature: Not pertinent Critical Temperature: Not pertinent Critical Teresure: Not pertinent Secific Gravity: 2.676 at 25° (solid) Liquid Surface Tension: Not pertinent Liquid Water Interfacial Tension: Not pertinent Vapor (Gas) Specific Gravity: Not pertinent Vapor (Gas) Specific Gravity: Not pertinent Attent Heat of Vaporization: Not pertinent Heat of Combustion: Not pertinent Heat of Solution: Not pertinent Heat of Fusion: 29.8 cal/g Limiting Value: Currently not available Rei Vapor Pressure: Currently not available
NOTES	3

POTASSIUM DICHROMATE

9.20 SATURATED LIQUID DENSITY		9.21 LIQUID HEAT CAPACITY		9.22 LIQUID THERMAL CONDUCTIVITY		9.23 LIQUID VISCOSITY	
Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F	Temperature (degrees F)	British thermal unit inch per hour-square foot-F	Temperature (degrees F)	Centipoise
	N O T		N O T		N O T		N O T
	P E R T N E N T		P E R T I N E N T		P E R T I N E N T		P E R T I N E N T

9.24 SOLUBILITY IN WATER		9.25 SATURATED VAPOR PRESSURE		9.26 SATURATED VAPOR DENSITY		9.27 IDEAL GAS HEAT CAPACITY	
Temperature (degrees F)	Pounds per 100 pounds of water	Temperature (degrees F)	Pounds per square inch	Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F
34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84	5.094 5.594 6.094 6.594 7.094 7.594 8.094 9.594 9.594 9.594 9.594 10.090 11.090 12.090 12.090 12.090 12.090 13.090 13.090 15.590 14.090 15.590 15.590 15.590 15.590 15.590		N O T E R T I N E N T		N O T E R T I N E N T		N O T E R T I N E N T