POTASSIUM CHLORATE

Common Synonyms				4. FIRE HAZARDS	7. SHIPPING INFORMATION		
Common Synonyms Solid White Chlorate of potash Chlorate of potasium Potcrate Keep people away.		Odorless	 4.1 Flash Point: Not flammable, but may cause fire upon contact with ordinary combustibles 4.2 Flammable Limits in Air: Not pertinent 4.3 Fire Extinguishing Agents: Water on adjacent fires 4.4 Fire Extinguishing Agents Not to Be 	7.1 Grades of Purity: Commercial: 99.7+%; Reagent; Purified 7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: No requirement 7.4 Venting: Open 7.5 IMO Pollution Category: Currently not available			
Shut off ignition sources and call fire department. Notify local health and pollution control agencies. Protect water intakes.				Used: Not pertinent 4.5 Special Hazards of Combustion Products: Toxic fumes are formed in	7.6 Ship Type: Currently not available7.7 Barge Hull Type: Currently not available		
Fire Not flammable. May cause fire on contact with combustibles. POISONOUS GASES ARE PRODUCED IN FIRE. Flood discharged area with water.				 fires. 4.6 Behavior in Fire: Decomposes when hot to form oxygen, which increases severity of fire. 4.7 Auto Ignition Temperature: Not pertinent 	8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Oxidizer 8.2 49 CFR Class: 5.1 8.3 49 CFR Package Group: II		
Exposure Call for medical aid. DUST Irritating to eyes, nose and throat. Move victim to fresh air. If in eyes, hold eyelids open and flush with plenty of water. SOLID Irritating to skin and eyes. If swallowed will cause nausea, vomiting or loss of consciousness. Remove contaminated clothing and shoes. Flush affected areas with plenty of water. IF IN EYES, hold eyelids open and flush with plenty of water. IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk and have victim induce vomiting. IF SWALLOWED and victim is UNCONSCIOUS OR HAVING CON- VULSIONS, do nothing except keep victim warm.			nk water	 4.8 Electrical Hazards: Not pertinent 4.9 Burning Rate: Not pertinent 4.10 Adiabatic Flame Temperature: Currently not available 4.11 Stoichometric Air to Fuel Ratio: Not pertinent. 4.12 Flame Temperature: Currently not available 4.13 Combustion Molar Ratio (Reactant to Product): Not pertinent. 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 5. CHEMICAL REACTIVITY 	8.4 Marine Pollutant: No 8.4 Marine Pollutant: No 8.5 NFPA Hazard Classification: Category Classification Health Hazard (Blue)		
Pollution May be	Effect of low concentrations on aquatic life is unknown. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.			 5.1 Reactivity with Water: No reaction 5.2 Reactivity with Common Materials: Contact with combustible material may cause fire. 5.3 Stability During Transport: Stable 5.4 Neutralizing Agents for Acids and Caustics: Not pertinent 	9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Physical State at 15° C and 1 atm: Solid 9.2 Molecular Weight: 122.6 9.3 Boiling Point at 1 atm: Not pertinent		
Pollution Notify local health and wildlife officials.			Sroup: Not listed. on: 5.1/1485 3811-04-9 : 140 Il Trade Classification: ve clothing to prevent at. Contact with eyes or cyanosis, collapse. vash with soap and		 9.3 Boiling Point at 1 atm: Not pertinent (decomposes) 9.4 Freezing Point: 680°F = 360°C = 633°K 9.5 Critical Temperature: Not pertinent 9.6 Critical Pressure: Not pertinent 9.7 Specific Gravity: 2.34 at 20°C (solid) 9.8 Liquid Surface Tension: Not pertinent 9.9 Liquid Water Interfacial Tension: Not pertinent 9.10 Vapor (Gas) Specific Gravity: Not pertinent 9.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent 9.12 Latent Heat of Vaporization: Not pertinent 9.14 Heat of Combustion: Not pertinent 9.14 Heat of Solution: 147 Btu/lb = 81.9 cal/g = 3.43 × 10⁵ J/kg 9.16 Heat of Fusion: Not pertinent 9.17 Heat of Fusion: Currently not available 9.18 Keid Vapor Pressure: Currently not available 		

POTASSIUM CHLORATE

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 I N E N T		P E R 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	3.522 3.744 3.966 4.188 4.411 4.633 4.855 5.077 5.300 5.522 5.744 5.966 6.188 6.411 6.633 6.855 7.077 7.300 7.522 7.744 7.966 8.188 8.411 8.633 8.855 9.077		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