CALCIUM OXIDE

Common Synonyms Solid granules White to grey Odorless 4.1 Flash Point: Not flammable 7.1 Grades of Purity: 96-97% Quicklime Unslaked lime Sinks and reacts violently with water. Water appears to boil. 4.2 Flammable Limits in Air: Not flammable 7.3 Inert Atmosphere: Currently not available adjacent fires with dry chemical or carbon dioxide. 7.4 Venting: Currently not available Keep people away. Avoid contact with solid. Wear rubber overclothing (including gloves). Notify local health and pollution control agencies. Protect water intakes. 4.4 Fire Extinguishing Agents Not to Be Used: Do not use water on adjacent fires. 7.6 Ship Type: Currently not available			
Notify local health and pollution control agencies. Protect water intakes. 4.5 Special Hazards of Combustion	 7.2 Storage Temperature: Currently not available 7.3 Inert Atmosphere: Currently not available 7.4 Venting: Currently not available 7.5 IMO Pollution Category: Currently not available 		
Fire Not flammable. Products: Not pertinent 8. HAZARD CLASSIFICAT	vailable		
Extinguish adjacent fires with dry chemical or carbon dioxide. 4.7 Auto Ignition Temperature: Not B.2 49 CFR Class: 8 8.2 49 CFR Class: 8 DO NOT USE WATER ON ADJACENT FIRES. 4.8 Electrical Marade: Not portioned 8.3 49 CFR Package Group: III			
LAPOSITE DUST 4.9 Burning Rate: Not flammable 8.5 NFPA Hazard Classification: Irritating to nose and throat. Irritating to nose and throat. 4.10 Adiabatic Flame Temperature: Currently not available 8.5 NFPA Hazard Classification: SOLID SOLID Vill hum ckin and avas 9 pertinent	1 0 1 sted. ed.		
Water Pollution HARMFUL TO AQUATIC LIFE IN VERY LOW CONCENTRATIONS. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes. 5. CHEMICAL REACTIVITY 9. PHYSICAL & CHEMIC PROPERTIES 5.1 Reactivity with Water: Heat may cause ignition of combustibles. Material swells during reaction. 9.1 Physical State at 15° C and 1 at 9.2 9.2 Solution 5.2 Reactivity with Common Materials: No 9.2 Molecular Weight: 56.08	m: Solid		
1. CORRECTIVE RESPONSE ACTIONS Dilute and disperse Stop discharge Collection Systems: Dredge 2. CHEMICAL DESIGNATIONS 5.2 Reactivity with Collinion Materials: You reaction unless water present, then chief effect is that of heat liberated. 9.3 Boiling Point at 1 atm: Not pertinent 1. CORRECTIVE RESPONSE ACTIONS Dilute and disperse Stop discharge Collection Systems: Dredge 2. CHEMICAL DESIGNATIONS 5.3 Stability During Transport: Stable 9.4 Freezing Point: Not pertinent 2.2 Formula: CaO 2.3 IGO/IND No:: 13010 2.3 IGO/IND No:: 1305-78-8 5.4 Neutralizing Agents for Acids and Caustics: Not pertinent 9.5 Critical Pressure: Not pertinent 2.6 NAERG Guide No:: 157 2.7 Standard Industrial Trade Classification: 523229 6. WATER POLLUTION 9.1 Uquid Material: You 9.10 Vapor (Gas) Specific Gravity: 9.10 Vapor (Gas) Specific Gravity:	ent Ilid) rtinent 1: Not		
3. HEALTH HAZARDS 6.1 Aquatic Toxicity: 9.11 Ratio of Specific Heats of Vap. 3.1 Personal Protective Equipment: Protective gloves, goggles, and any type of respirator prescribed for fine dust. 9.2 pm/7/hr/thr/tout/toxic/fresh water 9.11 Ratio of Specific Heats of Vap. 3.2 Symptoms Following Exposure: Causes burns on mucous membrane and skin. Inhalation of dust causes sneezing. 9.11 Ratio of Specific Heats of Vap. 9.11 Ratio of Specific Heats of Vap. 3.3 Treatment of Exposure: INCESTION: if victim is conscious, have him drink water or milk. Do NOT induce voniting. SKIN AND EYES: flush with water and seek medical help. 6.3 Biological Oxygen Demand (BOD): Not pertinent 9.15 Heat of Polomerization: Not pertinent 3.4 TLV-TWA: 2 mg/m ³ 5.1 LV-STEL: Not listed. 6.4 Food Chain Concentration Potential: Bioaccumulation: 0 Damage to living resources: 1 Human Oral hazard: - 3.10 Vapor (Gas) Irritant Characteristics: Not pertinent 9.18 Limiting Value: Currently not available 9.19 Reid Vapor Pressure: Currently not available	ot pertinent nent ertinent rtinent railable		
3.11 Liquid of Solid Characteristics: Causes smarting of the skin and first-degree burns on short appeare and may cause secondary burns on long exposure. 3.12 Odd Threshodd: Colores 3.13 Odd Yules: 25 mg/m ² 3.14 Odd Fuller, Stills, Yules and 3.15 Odd Alex, Talk, Yules and 3.17 EPA AEGL: Not Isted 3.17 EPA AEGL: Not Isted http://zenstc	E		

JUNE 1999

CALCIUM OXIDE

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 I N E N 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

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
	R E A C T S		N O T P E R T I N E N T		N O T P E R T I N E N T		NOT PERTINENT