Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and Lis

HYDRATED LIME

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I	
Manufacturer's name	Emergency Telephone Number
CHENEY LIME & CEMENT COMPANY	205-625-3031
Address (Number, Street, City, State and ZIP Code)	Telephone Number for Information
478 GRAYSTONE ROAD	205-625-3031
	Date Prepared
ALLGOOD, ALABAMA 35013	1-1-15
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information					
Hazardous Components (Specific Chemical Identity, Common Name(s))	Other Limits				
	OSHA PEL	ACGIH TLV	Recommended	% (optional)	
CALCIUM HYDROXIDE (EPA #A349-3522)	10 mg/M³	5 mg/M³			
Ca(OH) ₂					

Boiling Point	5162°F (CaO)	Specific Gravity (H ₂ 0 = 1) TRUE	2.3 - 2.6
Vapor Pressure (mm Hg)	NA	Melting Point DEHYDRATES TO CaO	
		AT 580°C (1076°F) AT 1 ATM.	
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	

Solubility in Water NEGLIGIBLE 0.185-0.070% AT 25°C

Appearance and Odor WHITE POWDER NO ODOR

Section IV—Fire and Explosion Hazard Data							
Flash Point (Method Used)	NA	Flammable Limits NA	LEL	UEL			
Extinguishing Media	NA						

Special Fire Fighting Procedures

HYDRATED LIME IS INCOMBUSTIBLE AND, UNLIKE QUICKLIME, IT WILL NOT GENERATE HEAT WHEN IT COMES IN CONTACT WITH WATER.

Unusual Fire and Explosion Hazards

NA

(Reproduce locally) OSHA 174 Sept. 1985

Section V—Reactivity Data					
Stability	Unstable		Conditions to Avoid		
		YES	IF SUBJECTED TO CARBON DIOXIDE IN MOIST AIR AND ACIDS		
	Stable				
		YES	IF CONFINED IN WATER-TIGHT CONTAINER.		

Incompatibility (Materials to Avoid)

CONTACT WITH ACIDS.

Hazardous Decomposition or Byproducts NA							
Hazardous Polymerization	May Occur	Con	ditions to Avoid	NA			
	Will Not Occur	Х					
Section VI—Health Hazard Data							
Route(s) of Entry	/	Inhalation?	Χ	Skin?	Χ	Ingestion?	
Health Hazards (Acute and Chronic) TLV 5mg/M³							
Carcinogenicity	NA	NTP?		IARC M	lonographs?	OSHA Regulated?	
Signs and Symptoms of Exposure UNDER DUSTY CONDITIONS IT CAN CAUSE EXCESSIVE DRYING OF SKIN							
AND POSSIBLE SKIN IRRITATION AND OPEN CUTS ARE PARTICULARLY VULNERABLE.							
Medical Conditio	Medical Conditions						
Generally Aggrav	vated by Exposure	OPEN (CUTS				

Emergency and First Aid Procedures

WASH OFF ALL LIME DUST FROM SKIN WITH CLEAN WATER; THEN OPTIONALLY RINSE SKIN WITH VINEGAR; APPLY BURN OINTMENT TO AFFECTED AREAS. FOR EYES FLUSH OUT IMMEDIATELY WITH WATER & SEE PHYSICIAN.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

CLEAN UP BY NORMAL PHYSICAL METHODS.

Waste Disposal Method

CAN BE SALVAGED FOR USE OR EMPTIED IN SEWER OR REMOVED TO DUMP.

Precautions to Be Taken in Handling and Storing

KEEP PRODUCT DRY AND AVOID DUSTING.

Other Precautions NONE

	NONL					
Section VII	Section VII—Control Measures					
Respiratory Protection (Specify Type) PROTECT (FILTER) MASK IN DUSTY ENVIRONMENT.						
Ventilation	Local Exhaust NA		Special NA			
	Mechanical (General APPLY ADEQUATE VENTIL	A-	Other VENT DUST TO A COLLECTOR.			
	TION TO KEEP DUST CONC. BELOW TLV					
Protective Glo	oves	Eye Pr	otection			
WORK GLOVES IN MANUAL HANDLING TIGHT FITTING SAFETY GOGGLES.						
Other Protective Clothing or Equipment LONG SLEEVED SHIRT WITH BUTTONED COLLAR. LONG PANTS EXTEND-						
ING OVER WORK SHOES. PROTECTIVE CREAM MAY BE USED ON EXPOSED SKIN IF NEEDED						
Work/Hygienic Practices HYDRATED LIME DUST SHOULD BE WASHED FROM SKIN & HAIR.						