

REC 2-4-97

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

MANUFACTURER'S NAME : DRAVO LIME COMPANY - LONGVIEW DIVISION		REGULAR TELEPHONE NO. 205-664-2456 EMERGENCY TELEPHONE NO. 205-663-0786
ADDRESS: P.O. BOX 37, SAGINAW, ALABAMA 35137		
TRADE NAME: LONGVIEW, PELICAN		
SYNONYMS: CALCIUM HYDROXIDE, HYDRATED OR SLAKED LIME (Ca(OH) ₂)		
SHIPPING NAME ¹	DOT:	LONGVIEW OR PELICAN HIGH CALCIUM HYDRATED LIME
	DATA:	NOT RESTRICTED

II HAZARDOUS INGREDIENTS²

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
Available calcium hydroxide		95.93	See sections III
Available Lime Index		71.2	IV, V, VI, VII, VIII
Silica		.62	IX
R ₂ O ₃		.52	
L.O.I.		24.44	
MgO		1.16	

III PHYSICAL DATA

BOILING POINT, 760MM HG	N.A.	MELTING POINT	N.A.
SPECIFIC GRAVITY (H ₂ O=1)	2.3 - 2.4	VAPOR PRESSURE	N.A.
VAPOR DENSITY (AIR=1)	N.A.	SOLUBILITY IN H ₂ O% BY WT	Negligible 0.185-0.07%
VOLATILES BY VOLUME	25% max. at 540°C	EVAPORATION RATE (BUTYL ACETATE)	N.A.
APPEARANCE AND ODOR	White powder, faint Musty, earthy odor	PH (AS IS)	PH (1% SOLN)

IV FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	N.A.	AUTOIGNITION TEMPERATURE	N.A.
FLAMMABLE LIMITS IN AIR, % BY VOLUME	LOWER	N.A.	UPPER
EXTINGUISHING MEDIA	N.A.		
SPECIAL FIRE FIGHTING PROCEDURES	N.A.		
USUAL FIRE AND EXPLOSION HAZARD	N.A.		

See references 1 and 2 2. See instructions and references 1 to 8

VI REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY

CONTACT WITH CARBON DIOXIDE IN MOIST AIR AND ACIDS

INCOMPATIBILITY

CONTACT WITH ACIDS, CORROSIVE TO ALUMINUM

HAZARDOUS DECOMPOSITION PRODUCTS

N.A.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

N.A.

VII DISPOSAL, SPILL OR LEAK PROCEDURES

AQUATIC TOXICITY (E.G. 96HR TLM)

N.A.

WASTE DISPOSAL METHOD

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

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

NORMAL CLEANING

NEUTRALIZING CHEMICALS

ANY STRONG ACID: H_2 , SO_4 , HC_1 , etc

VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS APPLY ADEQUATE VENTILATION TO KEEP DUST CONCENTRATION BELOW 15 mg/cu.m

VENT TO DUST COLLECTOR

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT LONG SLEEVE SHIRT WITH BUTTONED COLLAR, LONG PANTS EXTENDING OVER WORK SHOES, PROTECTIVE CREAM ON EXPOSED SKIN.

RESPIRATORY

PROTECTIVE FILTER MASK IN DUSTY ENVIRONMENT

EYE

TIGHT FITTING SAFETY GOGGLES

GLOVES

IN MANUAL HANDLING

OTHER CLOTHING AND EQUIPMENT

IX SPECIAL PRECAUTIONS

PRECAUTIONARY
STATEMENTS

KEEP PRODUCT DRY AND AVOID DUSTING

OTHER HANDLING AND
STORAGE REQUIREMENTS

HYDRATED LIME IS A SAFE MATERIAL TO USE IF WORKERS WILL ONLY FOLLOW A FEW PRECAUTIONS AND DRESS PROPERLY (AS DESCRIBED IN VII).

DON'T PERMIT DUST TO ACCUMULATE ON EXPOSED SKIN OR CLOTHING. BRUSH IT OFF.

ADDITIONAL REGULATORY CONCERNS

FEDERAL:

FDA GENERALLY REGARDED AS SAFE AS FOOD ADDITIVE

USDA NO RESTRICTIONS

CPSC USE CAUTIONARY LABELS FOR BAGGED MATERIAL SOLD FOR HOME USE

TSCA

OTHER NOT A SUSPECTED CARCINOGEN.

STATE: N.A.

PREPARED BY JIM BRYANT

TITLE CHIEF CHEMIST

COMPANY DRAVO LIME COMPANY-LONGVIEW DIVISION

ADRESSS P.O. BOX 37
SAGINAW, AL 35137
