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For Emergency Assistance involving chemicals call - CHEMTREC (800) 424-9300

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SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: CALCIUM HYDROXIDE HYDRATED LIME

MSDS #: P16782V

DATE ISSUED: 1/1/02

SUPERSEDES: 4/6/98

ISSUED BY: 003744

HMIS RATINGS HEALTH 2 FLAMMABILITY 0 INSTABILITY 0 PROTECTIVE EQUIP: E

CAS NO: 1305-62-0

SECTION II INGREDIENTS

MATERIALS	%	TLV	PEL	CAS No
Calcium hydroxide, slaked lime		5mg/m3	5 mg/m3	(see above)

Calcium hydroxide is not listed on the NTP, IARC, or OSHA list of Carcinogens. The vendor recommends using personal protection equipment When handling this product.

SECTION III PHYSICAL / CHEMICAL DATA

BOILING POINT (calcium oxide): 5162 F
 SPECIFIC GRAVITY (H2O=1): 2.2
 Vapor Pressure (mm Hg): NA
 MELTING POINT: 1076 F
 Vapor Density (Air = 1): NA
 Evaporation Rate: NA
 SOLUBILITY IN WATER: 0.185% at 0 C, 0.077% at 100 C
 APPEARANCE AND ODOR: White powder, Odorless

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NA

FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: NA
SPECIAL FIRE FIGHTING PROCEDURES: NA.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

SECTION V REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: NA

INCOMPATIBILITY: Acids, fluorine

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: YES Absorption through skin: YES INGESTION (swallowing): YES

Health Hazard - Acute: Corrosive to skin and eyes. Causes irritation and inflammation to mucous membrane and respirator passages.

Health Hazard - Chronic: NA

CARCINOGENICITY	IARC	NTP	OSHA
Calcium Hydroxide	No	No	No

SIGNS & SYMPTOMS OF OVEREXPOSURE:

Irritation of skin, eyes & respiratory tract.

Medical Conditions Generally Aggravated by Exposure: Respiratory disease
Skin condition.

EMERGENCY AND FIRST AID PROCEDURES:

Remove to fresh air. Wash skin with soap and water. Flush out eyes with generous amounts of water. Drink plenty of water if swallowed.
See physician.

SECTION VII PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING:

Store away from incompatible substances.

Other Precautions: None

SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION: Dust filter mask is recommended as minimal protection.

Ventilation: Local Exhaust - To maintain TLV's and PEL's
Mechanical - To maintain TLV's and PEL's

Special: None
Other: None

PROTECTIVE GLOVES: Cloth or leather gloves will protect skin

EYE PROTECTION: Fitted goggles will reduce eye injury.

OTHER PROTECTIVE CLOTHING: Long sleeve shirts and pants

WORK/HYGIENIC PRACTICES:

maintain dust exposure limits below TLV'S and PEL'S. If not possible then use respiratory protection.

SECTION IX REGULATORY COMPLIANCE

Listed on the US EPA TSCA inventory and is not regulated as a hazardous material by the Department of Transportation.

For Additional Information:

Contact: MSDS Coordinator - Univar USA

During business hours, Pacific Time - (425) 889-3400

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END OF MSDS