# Material Safety Data Sheet

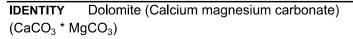
May be used to comply with

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



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

Dolomite (all sizes)

Manufacturer's Name and Address Chemical Lime Company 3724 Hulen Street

Fort Worth, Texas 76107

**Emergency Telephone Number** Chemtrec 800-424-9300

Information Phone Number 817-732-8164

**Date Prepared** 3/30/2006

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components	CAS	Common Name	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Dolomite	16389-88-1	Dolomite	15 mg/m3	10 mg/m3		>98%
Silicon dioxide	14808-60-7	Quartz	*see note below	0.025 mg/m3	4 mg/m3	<2%

\*SiO2 OSHA PEL: 10 mg/m3 divided by (the percentage of silica in the dust plus 2) (respirable)

### Section III - Physical/Chemical Characteristics

Boiling Point	2850 °C	Melting Point	dec 730 °C	Specific Gravity	2.6 - 2.9 g/cc
Vapor Pressure (mm Hg)	N.A.	Vapor Density	N.A.	Evaporation Rate	N.A.
Solubility in Water	Not soluble in	Not soluble in water. pH = 8-9 @ 25°C			
Appearance and Odor	White or gray powder, lump or stone; odorless				

# Section IV - Fire and Explosion Hazard Data

Flash Point	LEL/UEL	Flammable Limits	Extinguishing Media
N.A.	N.A.	N.A.	Not Combustible Use extinguishing agent for surrounding fire

Special Firefighting Procedures/Unusual Fire and Explosion Hazards

Material will not burn.

# Section V - Reactivity Data

Stability Conditions to Avoid (stability - related)

Stable Material is stable Incompatibility (Materials to Avoid)

Acids: Reacts with acids to form CO<sub>2</sub>. Ignites on contact with fluorine.

Incompatible with ammonium salts and magnesium.

Will not occur (none) Hazardous Polymerization/Hazardous Decomposition of Byproducts

#### Section VI - Health Hazard Data

Route(s) of Entry: Inhalation, Ingestion

**Health Hazards (Acute and Chronic)** 

Nuisance dust: Avoid eye contact and breathing dust. Eye contact will cause irritation to occur,

breathing will cause coughing, sneezing, or inflammation.

Carcinogenicity: OSHA?  $SiO_2$ NTP/IARC Monographs? SiO<sub>2</sub>

Respirable crystalline silica from occupational sources is classified by IARC as a Group I Carcinogen.

California Proposition 65: Silica is on the Governor's Proposition 65 list. Components used in this product may contain trace amounts of inherent naturally occurring elements (such as, but not limited to arsenic, cadmium) that are on the Governor's Proposition 65 list.



# Section VI - Health Hazard Data (continued)

### Signs and Symptoms of Exposure

Eye irritation; coughing or breathing problems.

#### Medical Conditions Generally Aggravated by Exposure

Respiratory problems, asthma, dermatitis or skin or eye sensitivity.

### **Emergency and First Aid Procedure**

Flush contaminated area with excess water. If eye contact, rinse eye with eye wash solution or excess water and seek medical attention immediately.

### Section VII - Precautions for Safe Handling and Use

#### Steps to be Taken in Case Material is Released or Spilled

Sweep up and avoid breathing dust. Keep away from acids and other incompatible material.

Place in metal container.

#### **Waste Disposal Method**

Dispose of contaminated material based on other contaminates.

### Precautions to be Taken in Handling and Storage

Keep away from acids and other incompatible materials.

#### **Other Precautions**

Avoid eye contact and breathing dust.

NFPA Rating:	HEALTH: 1	FLAMMABILITY: 0	REACTIVITY: 0
HMIS Rating:	HEALTH: 1	FLAMMABILITY: 0	REACTIVITY: 0

WHMIS Rating: D2A

#### **Section VIII - Control Measures**

### **Respiratory Protection (Specify Type)**

Dust masks meeting the NIOSH N95 rating are sufficient for casual exposure. (42 CFR)

Ventilation	Local Exhaust Vent to dust collector	Special	Do not dispose of dust with combustible materials.
	Mechanical (General) Vent to meet TLV requirements	Other	

Protective Gloves	Other Protective Clothing or Equipment
Dry cloth or leather gloves	Full clothing to cover arms and legs, safety glasses or face shield.

# Work/Hygienic Practices

Eye wash and shower station should be readily available.

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References: Sax, N.I. & R.J. Lewis Sr. (1989) "Dangerous Properties of Industrial Materials", New York: Van Nostrand Reinhold Co. Ltd. Lewis, R.J. (1997) "Hazardous Chemicals Desk Reference", New York: Van Nostrand Reinhold Co. Ltd. KSA