



# PRODUCTS

## Material Safety Data Sheets

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### Dolomite

Material Safety Data Sheet

U.S. Department of Labor

CLICK HERE To view the Material Safety Data Sheets.

May be used to comply with

Occupational Safety and Health Administration



OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

**IDENTITY** Dolomite (Calcium magnesium carbonate)  
(CaCO<sub>3</sub> \* MgCO<sub>3</sub>)

*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.*

Dolomite (all sizes); Roofing Rock; AG (sized); Redi-Mag; Dolowhite (all sizes); CBM; Dolosand (all grades) AFFF (all grades); Commercial #7; D220; D307; Dolomark; Dolosand 100; Glass Grade (all types) Omega Select 16; Pool Deck (all types); Pool Grade (all types); DSEAF Ag/D307 Ag fillers; #70 Ag,; #90 Ag

**Section I**

**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 Date Prepared**

817-732-8164

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**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	0.1 mg/m3	0.1 mg/m3	4 mg/m3	<2%

**Section III - Physical/Chemical****Characteristics**

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

**Section IV - Fire and Explosion****Hazard Data**

<b>Flash Point</b>	<b>LEL/UEL</b>	<b>Flammable Limits</b>	<b>Extinguishing Media</b>
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.

**Hazardous Polymerization/Hazardous**

Will not occur (none)

**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<sub>2</sub>      **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.*

Chemical Line

Dolomite

Company

MSDS

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**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 warm water for 30 minutes 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 contaminants.

**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)

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

**Protective Gloves**

Dry cloth or leather gloves

**Work/Hygienic****Practices**

Eye wash and shower station should be readily available

*Chemical Lime Company provides the information contained herein in good faith but makes no representation as to its*

*comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling*

*of the material by a properly trained person. Individuals receiving this information must consult their own technical*

*and legal advisors and/or exercise their own judgment in determining its appropriateness for a particular purpose.*

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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. kdi.phd

**Other Protective Clothing or Equipment**

Full clothing to cover arms and legs, safety glasses or face shield.