

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 Dolomite (Calcium magnesium carbonate)
(CaCO₃; MgCO₃)

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; Commercial #7; D220; D307; Dolomark; Dolosand 100; Glass Grade (all types) Omega Select 16; Pool Deck (all types); Pool Grade (all types); DSFAE Ag/D307 Ag fillers

Section I

Manufacturer's Name

Chemical Lime Company

Address (Number, Street, City, State, and ZIP Code)

3724 Hulen Street

Fort Worth, Texas 76107

Emergency Telephone Number

Chemtrec 800-424-9300

Telephone Number for Information

817-732-8164

Date Prepared

8-Dec-99

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Dolomite 16389-88-1 Dolomite	15 mg/m ³	10 mg/m ³		>99%
Silicon dioxide 14808-60-7 Quartz	0.1 mg/m ³	0.1 mg/m ³	4 mg/m ³	<1%

Section III - Physical/Chemical Characteristics

Boiling Point	Melting Point	decomp.	Specific Gravity (H ₂ O = 1)	2.8 g/cc
2850 °C		730 °C		
Vapor Pressure (mm Hg)	Vapor Density	N.A.	Evaporation Rate	
N.A.				

Solubility in Water

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 (Method Used)	Flammable Limits	LEL	UEL
Not applicable	Not applicable	N.A.	N.A.

Extinguishing Media

Not Combustible -- Use extinguishing agent suitable for surrounding fire

Special Firefighting Procedures

Material will not burn

Unusual Fire and Explosion Hazards

None

Section V - Reactivity Data

Stability	Conditions to Avoid (stability - related)
Stable	Material is stable

Incompatibility (Materials to Avoid)

Acids; Reacts with acids to form CO₂. Ignites on contact with fluorine.
Incompatible with ammonium salts and magnesium.

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization

Conditions to Avoid (polymerization - related)

Will not occur

None

Section VI - Health Hazard Data

Route(s) of Entry:	Eyes?	Inhalation? Yes	Skin?	Ingestion? Yes
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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:	NTP? SiO2	IARC Monographs? SiO2	OSHA Regulated?
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Respirable crystalline silica from occupational sources is classified by IARC as a Group I carcinogen.

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.

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 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
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HMS Rating:	HEALTH: 1	FLAMMABILITY: 0	REACTIVITY: 0
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Section VIII - Control Measures

Respiratory Protection (Specify Type)

Dust masks meeting the NIOSH N95 rating are sufficient for casual exposure. (42 CFR 84)

Ventilation	Local Exhaust	Special
	Vent to dust collector.	
	Mechanical (General)	Other
	Vent to meet TLV requirements.	

Protective Gloves

Clean dry rubber gloves

Other Protective Clothing or Equipment

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

Work/Hygienic Practices

Eye wash and shower station should be readily available.

References: Sax, N.I. & R.W. 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. cjn phd