



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)
(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; 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

6/1/1

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

Boiling Point	2850 oC	Melting Point	dec 730 oC	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 water. pH = 8-9 (at 25oC)				
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 CO2. 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?** SiO2 **NTP/IARC Monographs?** SiO2

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)

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

Protective Gloves

Dry cloth or leather gloves

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. kdi.phd

Other Protective Clothing or Equipment

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