

SAFETY DATA SHEET

SECTION 1	IDENTIFICATION
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Product

Name: Dolomite - All Sizes

Other Names: Dolomitic Limestone; Calcium Magnesium Carbonate; Dolo

Recommended Uses: Steel; pH adjustment; FGT; Construction; Agriculture; Aggregate

Company Identification:

US Operations:

Lhoist North America, Inc. 3700 Hulen Street Fort Worth, TX 76107 817-732-8164 Canadian Operations:

Lhoist North America of Canada, Inc. 20303-102B Ave. Langley, BC V1M 3H1 604-888-4333

Emergency Phone Number:

Chemtrec 1-800-424-9300

SECTION 2	HA	AZARDS(S) IDENTIFICATION
Classification	Carcinogen – Category 1	
	Specific Target Organ Toxicit (Respiratory System)	ty Single Exposure – Category 3
	Specific Target Organ Toxicit (Respiratory System)	ty Repeat Exposure – Category 1
Labeling:		
Picto	ograms:	

Signal Word(s): Danger

Hazard Statements: May cause respiratory irritation.

Causes damage to lungs through prolonged or repeated exposure when inhaled.

May cause cancer through inhalation.



Precautionary Statements:

Wash exposed skin thoroughly after handling. Do not breathe dust. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

If exposed or concerned: Get medical advice

Dispose of contents or containers in accordance with applicable regulations.

Other Hazards: None.

SECTION 3	COMPOSITION/ INFORMATION ON
	INGREDIENTS

Chemical Name: Dolomite

Common names and synonyms: Dolomitic Limestone; Calcium Magnesium Carbonate; Dolo

Chemical Identity	CAS #	Concentration, % Wt.
Dolomite	16389-88-1	> 95
Crystalline Silica	14808-60-7	< 3

SECTION 4	FIRST AID MEASURES
BLCHON I	

Inhalation: Move victim to fresh air. Seek medical attention if necessary.

Ingestion: Do not induce vomiting. Seek medical attention immediately. Never give anything by mouth unless instructed to do so by medical personnel.

Most important symptoms and effects, both acute and delayed: This product contains crystalline silica, which has been classified by IARC as (Group I) carcinogenic to humans when inhaled. Inhalation of silica can also cause a chronic lung disorder, silicosis.

Note to Physician: Provide general supportive measures and treat symptomatically.

SECTION 5	FIREFIGHTING MEASURES	

Extinguishing Media

Appropriate Extinguishing Media: Use dry chemical fire extinguisher or water

Inappropriate Extinguishing Media: Do not use halogenated compounds.



Firefighting

Fire Hazards: Dolomite is not combustible or flammable. Dolomite is not considered to be an explosive hazard, although reaction with incompatible materials may rupture containers.

Hazardous Combustion Products: None

Special Protective Equipment and Fire Fighting Instructions: None

SECTION	16			ACCIDENTAL RELEASE MEASURES
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Personal Precautions: Use proper protective equipment.

Environmental Precautions: For large spills, as much as possible, avoid the generation of dusts. Prevent release to sewers or waterways.

Methods and Materials for Containment and Cleaning Up:

Small Spills: Use dry methods to collect spilled materials. Avoid generating dust. Do not clean up with compressed air. Residue on surfaces may be washed with water or dilute vinegar solution.

Large Spills: Use dry methods to collect spilled materials. Evacuate area downwind of clean-up operations to minimize dust exposure.

Precautions for Safe Handling: None

Conditions for Safe Storage, Including any Incompatibilities: Do not store near incompatible materials (see Section 10 below).

SECTION 8	EXPOSURE CONTROLS/ PERSONAL
	PROTECTION

Control Parameters:

Component	CAS #	Exposure Limits
Dolomite	16389-88-1	OSHA PEL: 15 mg/m3 (total) 5 mg/m3 (respirable)
		ACGIH TLV: 10 mg/m3
Crystalline Silica	14808-60-7	OSHA PEL: 10 mg/m3 divided
		by (the percentage of silica in the dust plus 2) (respirable)
		ACGIH TLV: 0.025 mg/m3 (respirable)



Appropriate Engineering Controls: Provide ventilation adequate to maintain PELs.

Personal Protection

Respiratory Protection: Use NIOSH approved respirators if airborne concentration exceeds PEL.

Eye Protection: Use safety glasses with side shields or safety goggles.

Skin Protection: Clothing should fully cover arms and legs.

Other: Eye wash fountain and emergency showers are recommended.

SECTION 9		PHYSICAL	AND CHEMICAL	PROPERTIES
Appearance				
Physical State:	Solid			
Color:	White, grayish-white, red,	pink or tan		
Odor:	Odorless			
Odor Threshold:	N/ A			
pH:	8-9 @ 25° C			
Melting Point:	N/ A			
Initial Boiling Point:	N/A			
Freezing Point:	N/ A			
Flash Point:	N/ A			
Evaporation Rate:	N/ A			
Flammability (solid,	gas): Non-flammable			
Explosion Limits:	N/ A			
Vapor Pressure:	N/ A			
Vapor Density:	N/ A			
Relative Density:	$2.6 - 2.9 \text{ g/ cm}^3$ (apparent))		
Solubility(ies):	Not readily soluble in wat	er		
Partition coefficient:	Relatively insoluble			



Auto-ignition Temperature: N/A

Decomposition Temperature: 730 ° C

Viscosity: N/A

SECTION 10

STABILITY AND REACTIVITY

Reactivity: Normally stable. Will react with chemicals listed under incompatible materials below.

Chemical Stability: Dolomite is chemically stable.

Possibility of Hazardous Reactions: See reactivity above

Conditions to Avoid: Do not allow Dolomite to come into contact with incompatible materials.

Incompatible Materials: Dolomite should not be mixed or stored with the following materials, due to the potential for violent reaction and release of heat:

Acids (unless in a controlled process) Reactive Fluoridated Compounds Reactive Brominated Compounds Reactive Powdered Metals Ammonium Salts

Hazardous Decomposition Products: None

SECTION 11

TOXICOLOGICAL INFORMATION

Health Effects: see First Aid discussion in Section 4

Routes of Exposure: see First Aid discussion in Section 4

Symptoms Related to Exposure: see First Aid discussion in Section 4

Carcinogen Listing: Dolomite is not listed by MSHA, OSHA, or IARC as a carcinogen, but this product contains crystalline silica, which has been classified by IARC as (Group I) carcinogenic to humans when inhaled.

SECTION 12

ECOLOGICAL INFORMATION

Ecotoxicity: None Expected

Persistence and Degradability: N/A

Bioaccumulation Potential: This material shows no bioaccumulation effect or food chain concentration toxicity.



Mobility in Soil: Minimal mobility in soil.

Other Adverse Effects: N/A

SECTION 13

DISPOSAL CONSIDERATIONS

Disposal Recommendations: Dispose of in accordance with all applicable federal, state, and local environmental regulations.

Regulatory Disposal Information: If this product as supplied, and unmixed, becomes a waste, it will not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act.

SECTION 14	TRANSPORT INFORMATION
UN Number: Not Regulated	
UN Proper Shipping Name: Not Regulated	
Transport Hazard Class(es): Not Regulated	
Packing Group: Not Regulated	
Marine Pollutant (y/n): No	

Special Precautions: None

SECTION 15

REGULATORY INFORMATION

National Chemical Inventory Listings:

All chemical ingredients are listed on the USEPA TSCA Inventory List.

US Regulations:

RCRA Hazardous Waste Number: not listed (40 CFR 261.33) RCRA Hazardous Waste Classification (40 CFR 261): not classified CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b) (4); CWA, Sec. 307(a), CAA, Sec. 112 CERCLA Reportable Quantity (RQ) not listed. SARA 311/312 Codes: not listed. SARA Toxic Chemical (40 CFR 372.65): not listed. SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ): not listed

Specific State Regulations: Consult State and Local authorities for guidance. Components found in this product may contain trace amounts of inherent naturally occurring elements (such as, but not limited to arsenic and cadmium) that may be regulated under California Proposition 65 and other States regulations.



Canada DSL: Listed

Canadian WHMIS Listing:

"D2A" Materials causing other toxic effects

SECTION 16

OTHER INFORMATION

Prepared By: Lhoist North America Technical Services

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Abbreviations:

N/A IARC	Not Available or Not Applicable International Agency for Research on Cancer
IATA	International Air Transport Association
	ACGIH American Conference of Governmental
ACGIH	Industrial Hygienists
TWA	Time Weighted Average
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
REL	Recommended Exposure Limit

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