



Material Safety Data Sheet

Product Name **DOLOMITE**

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Dolomite
Chemical name : Dolomite, chemical name can vary from dolomite to Calcitic dolomite.
Chemical formula : $(CaMg)(CO_3)_2$
Specific Chemical Identity : Calcium, Magnesium Carbonate
Supplier : Central Minerals & Transport Joint Stock Company
Address : 5th Floor TD Business Center – Lot 20A Le Hong Phong Str – Ngo Quyen Dist – Hai Phong City – Vietnam.
Telephone : (+84) 313.737778
Fax : (+84) 313.556667
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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

This product contains varying amounts of magnesium, causing it to be classified as either dolomite (> 90% magnesium carbonate and < 10% calcium carbonate) or calcitic dolomite (50 to 90% magnesium carbonate and 10 to 50% calcium carbonate).

SECTION 3: HAZARD IDENTIFICATION

Although some dolomites typically contain minor amounts (less than 1%) crystalline silica (SiO₂) (CAS Registry No.: 1408-60-7), **laboratory sample analysis indicates this product contains less than detect levels of crystalline silica.**

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

Dust in eyes	: Flush eyes with running water for 5- 15 minutes. Contact doctor if irritation persists/develops later. Dust on previously irritated skin: Wash with soap/water. Contact the doctor if condition is aggravated.
Dust inhalation	: Remove to well-ventilated area. Dust in the throat and nasal passages should clear spontaneously. Contact doctor if irritation persists.
Ingestion	: if excessive amounts ingested, call doctor.

SECTION 5: FIRE FIGHTING MEASURES

Flash point	: Non-flammable Flammable Limits: LEL: None; UEL: None
Extinguish media	: Material does not burn
Auto-ignition Temperature	: NA
Special fire fighting procedures	: None required
Fire and explosion hazards	: Hazardous
Decomposition products	: None

SECTION 6: HEALTH HAZARD DATA

ROUTES OF EXPOSURE:

Inhalation	: Dust may be an irritant to respiratory system
Skin	: not a route of entry
Ingestion	: normally not a route of entry but dust may enter mouth

EFFECTS OF OVEREXPOSURE:

Irritation of eyes and/or respiratory system may occur if overexposed to dust. Prolonged overexposure may cause delayed lung injury. Existing medical conditions may be aggravated by prolonged overexposure.

SECTION 7: PHYSICAL AND CHEMICAL PROPERTIES

Physical form	: Tabular crystals, often with curved faces, also columnar, stalactitic, granular, massive.
Color	: White/ almost white/ grayish white
Odor	: Odorless
Melting/ Freeze point	: N/A
Solubility in water at 100°C	: N/A
Solubility in acid environment	: Poorly soluble in dilute HCl unless powdered.
Bulk Density	: 1.5 g/cm ³
Vapor pressure (mm Hg)	: N/A
Vapor Density	: N/A
Specific Gravity	: 2.75 – 2.85

SECTION 8: REACTIVITY DATA

Stability	: Stable (Inert - Neutral - Non-reacting)
Hazardous polymerization	: Will Not Occur
Incompatibility (Materials to Avoid)	: acids
Hazardous Decomposition products	: None
Conditions to Avoid:	None

SECTION 9: PRECAUTIONS FOR SAFE HANDLING AND USE

RESPIRATORY PROTECTION:

Dust may be generated during processing, handling, and storage. Use NIOSH-MSHA approved respirators for conditions where dust levels exceed appropriate exposure limits.

SPILL/LEAK PRECAUTIONS:

This material is not expected to present any environmental problem. Limestone can be used as fill and is used as soil amendment to neutralize acidic soils. Spillage, where dust may be generated, may overexpose cleanup personnel to respirable dust. Wetting of the material and/or use of respiratory protective equipment may be necessary. Avoid dry sweeping.

WASTE DISPOSAL METHODS:

No special disposal method is needed. Material may be placed in a container for later use, or disposed of as common waste. Avoid creating dust.

SECTION 10: CONTROL MEASURES

Ventilation	: water the product or work in well-ventilated areas
Protective gloves	: none needed
Eye Protection	: use safety glasses or goggles in visibly dusty areas
Other Protection	: none

The information given herein is to our best knowledge. However, no guarantee of results is implied since condition of use are beyond CMT's control and advice. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to review this information, satisfy themselves as to its suitability and completeness, and comply with all applicable laws and regulations. We shall not be liable for any consequential loss or damage arising out of such use.
