



## Material Safety Data Sheet

**Product Name** **CALCIUM CARBONATE POWDER**

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name** : Calcium Carbonate Powder  
**Chemical name** : Limestone, atomite, carbonic acid calcium salt, calcite, aragonite, chalk.  
**Chemical formula** : CaCO<sub>3</sub>  
**Chemical Identity** : Calcium Carbonate Powder  
**Supplier** : Central Minerals & Transport Joint Stock Company  
**Address** : 5<sup>th</sup> 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  
**Email** : sales@cmtgroup.vn  
**Website** : www.cmtgroup.vn

### SECTION 2: COMPOSITION & INFORMATION ON INGREDIENTS

Chemical Name Percent (wt/wt)  
Calcium carbonate : 98.0~99.9

### SECTION 3: HAZARDS IDENTIFICATION

#### **Potential Acute Health Effects:**

Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

#### **Potential Chronic Health Effects:**

Carcinogenic Effects : Not available  
Mutagenic Effects : Not available  
Teratogenic Effects : Not available  
Developmental Toxicity : Not available

The substance may be toxic to kidneys. Repeated or prolonged exposure to the substance can produce target organs damage.

### SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

Eyes contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Warm water must be used. Get medical

	attention.
Skin contact	: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Serious skin contact	: Not available
Inhalation	: If irritated, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation	: Not available
Ingestion	: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Serious Ingestion	: Not available

## SECTION 5: FIRE & EXPLOSION DATA

Flammability of the Product	: Non-flammable
Auto-Ignition Temperature	: Not applicable
Flash points	: Non-flammable
Flammable Limits	: Not applicable
Fire and explosion hazards	: Not applicable
Explosion Hazards in Presence of Various Substances	: Risks of explosion of the presence of mechanical impact: Not available. Risks of explosion of the product in the presence of static discharge: Not available.
Special remarks on fire	: Will ignite and burn fiercely in contact with fluorine.
Special remarks on Explosion Hazards	: When a mixture of calcium carbonate and magnesium is heated in a current of hydrogen, a violent explosion occurs.

## SECTION 6: ACCIDENTAL RELEASE MEASURE

### Small spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

### Large spills:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## SECTION 7: HANDLING AND STORAGE

### Precautions:

Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the

label. Keep away from the incompatibles such as oxidizing agents, acids.

**Storage:**

Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic.

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**SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

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**Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If users operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:**

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/ certified respirator or equivalent. Gloves.

**Personal Protection in case of a large spill:**

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

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**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

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Physical state and appearance	: Powder
Odor	: Odorless
Color	: White
PH value	: 8~9
Boiling Point	: Not applicable
Melting point	: 825oC
Auto ignition Temperature	: Not applicable
Vapor Density	: Not available
Vapor Pressure	: Not available
Specific Gravity	: 2.71
Solubility in Water	: 1~2mg/100ml

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**SECTION 10: STABILITY AND REACTIVITY DATA**

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Stability	: the product is stable
Instability temperature	: Not available
Conditions of Instability	: Incompatible materials

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Routes of Entry:	: Inhalation. Ingestion. : Acute oral toxicity (LD50): 6450 mg/kg
Toxicity to Animals:	[Rat]. : May cause damage to the following
Chronic Effects on Humans:	organs kidneys

Other Toxic Effects on Humans:

Special Remarks on Toxicity to Animals

Special Remarks on Chronic

Acute Potential Health Effects: Skin: Causes skin irritation. Eyes: Dust causes eye irritation. Inhalation: Excessive inhalation causes respiratory tract and mucous membrane irritation. Low hazard for usual industrial handling. Ingestion: Ingestion of large amounts may cause gastrointestinal tract disturbances with nausea and possibly constipation. Expected to be a low hazard for usual industrial handling. Chronic Potential Health Effects: Chronic ingestion may affect kidneys, and may cause hypercalcemia with alkalosis.

: Slightly hazardous in case of skin contact (irritant),  
of ingestion, of inhalation.

: Not available.

: Not available.

**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.**