

SAFETY DATA SHEET (SDS)

# Calcium Magnesium Carbonate (Dolomite)



North Queensland Lime Pty Ltd | ABN 59 650 539 834  
(07) 4043 2200 | Emergency contact 0424 243 634 (after hours only)  
375 Bucklands Road, Mirriwinni QLD 4871  
sales@mwlime.com | miriwinnilime.com.au

**NOT Classified as Hazardous according to criteria of Worksafe Australia**

## IDENTIFICATION

<b>Chemical Name</b>	Calcium Carbonate - $\text{CaMg}(\text{CO}_3)_2$ .
<b>Product Name</b>	Dolomite Rock, Dolostone, Dolomitic Rock, Magnesium Limestone.
<b>UN Number</b>	None Allocated.
<b>Dangerous Good Class &amp; Subsidiary Risk</b>	None Allocated.
<b>Hazchem Code</b>	None Allocated.
<b>Poison Schedule Number</b>	None Allocated.
<b>Use</b>	Agriculture Applications, Soil Conditioner.

## PHYSICAL DESCRIPTION / PROPERTIES

<b>Appearance</b>	Grey / White Powder.
<b>Boiling Point</b>	Not Relevant.
<b>Melting Point</b>	Not Available.
<b>Vapour Pressure</b>	Not Relevant.
<b>Specific Gravity</b>	Not Available.
<b>Solubility in Water</b>	Insoluble.
<b>Flammability</b>	Non-flammable.
<b>Hazchem Code</b>	None Allocated.
<b>Poisons Schedule Number</b>	None Allocated.
<b>Other Properties</b>	Soluble in dilute acids.

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COMPOSITION / INGREDIENTS		
CHEMICAL NAME	CAS NUMBER	PROPORTION
Calcium - Ca	7440-70-2	20.2%
Magnesium - Mg	7439-95-4	9.94%
Sodium - Na	7440-23-5	0.0195%
Potassium - K	7440-09-7	0.0643%
Iron - Fe	7439-89-6	3700 ppm
CHEMICAL NAME	CAS NUMBER	CONTENT
Calcium Magnesium Carbonate	16389-88-1	>95%
Non-hazardous Ingredients	Not Available	<5%
Water	7732-18-5	<5%
HEALTH EFFECTS		
ACUTE		
Swallowed	Ingestion of very large quantities may result in constipation.	
Eye	Irritant. Contact may result in irritation, lacrimation, pain and redness.	
Skin	Not classified as a skin irritant. Contact may result in mild irritation, redness, pain and rash.	
Inhaled	Very low toxicity. Irritating to the respiratory system, nose and throat.	
CHRONIC		
Swallowed	Regular ingestion of more than 8 grams per day reported to cause blood and kidney disorders.	

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FIRST AID (Contact a doctor or Poisons Information Centre 131126)	
<b>Swallowed</b>	For advice, contact a Poisons Information Centre or a doctor (at once). If swallowed, do not induce vomiting.
<b>Eye</b>	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
<b>Inhaled</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
<b>First Aid Facilities</b>	Eye wash facilities and safety shower should be available.
PRECAUTIONS FOR USE	
<b>Exposure Standards</b>	No exposure standards have been entered for this product.
<b>Engineering Controls</b>	Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.
<b>TWA Personal Protection</b>	Recommend dust mask, PVC or rubber gloves, dust-proof goggles and overalls. Where an inhalation risk exists, wear a Class P1 (Particulate) respirator.
<b>Flammability</b>	Non flammable. Ignites on contact with fluorine.

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## SAFE HANDLING INFORMATION

<b>Safe Handling</b>	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.
<b>Safe Storage</b>	Store in a cool, dry, well-ventilated area, removed from incomparable substances and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
<b>UN Class</b>	None Allocated.
<b>UN Number</b>	None Allocated.
<b>Packaging Group</b>	None Allocated.
<b>EPG Number</b>	None Allocated.
<b>Shipping Name</b>	None Allocated.
<b>Spills and Disposal</b>	Wear personal protection. Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer/supplier for additional information (if required). Dispose of in accordance with relevant local legislation.
<b>Fire / Explosion Hazard</b>	Polymerization will not occur. Avoid heat, sparks or open flames and other ignition sources. Incompatible with acids (e.g. nitric acid), fluorine, aluminum (hot) and ammonium salts. May evolve carbon oxides, calcium oxides and magnesium oxides when heated to decomposition.

## OTHER INFORMATION

Avoid contamination of drains and waterways.

## CONTACT POINT

Site Manager - 0424 243 634

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