

Ground Calcium Carbonate (Limestone)



North Queensland Lime Pty Ltd | ABN 59 650 539 834
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NOT Classified as Hazardous according to criteria of Worksafe Australia

IDENTIFICATION

Chemical Name	Calcium Carbonate - CaCO ₃ .
Product Name	Limestone, Aglime, Filter Stone, Coarse Grit, Poultry Grit, Fine Lime, Superfine Lime, Stone Dust, Glass, Grit.
UN Number	None Allocated.
Dangerous Good Class & Subsidiary Risk	None Allocated.
Hazchem Code	None Allocated.
Poison Schedule Number	None Allocated.
Use	Agriculture, Soil Conditioner, Stock Feeds, Mining Applications, Industrial Applications.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance	White to grey granular stones and powder with no odour.
Boiling Point	Decomposes
Melting Point	825 Degrees Celsius.
Vapour Pressure	None.
Specific Gravity	2.7.
Solubility in Water	Insoluble.
Flammability	Non-flammable.
Hazchem Code	None Allocated.
Poisons Schedule Number	None Allocated.
Other Properties	Soluble in dilute acids.

SAFETY DATA SHEET (SDS)
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COMPOSITION / INGREDIENTS		
CHEMICAL NAME	CAS NUMBER	PROPORTION
Calcium - Ca	7440-70-2	40.2%
Magnesium - Mg	7439-95-4	0.206%
Potassium - K	7440-09-7	0.0263%
Sodium - Na	7440-23-5	0.00456%
Phosphorus - P4	7723-14-0	547 ppm
CHEMICAL NAME	CAS NUMBER	CONTENT
Calcium Carbonate	471-34-1	>98%
Quartz (Crystalline Silica)	14808-60-7	<0.2%
HEALTH EFFECTS		
ACUTE		
Swallowed	Ingestion of very large quantities may result in constipation.	
Eye	Not classified as an eye irritant. Contact may result in mild irritation, lacrimation and redness.	
Skin	Not classified as a skin irritant. Prolonged or repeated contact may result in mild irritation 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)	
Swallowed	Do NOT induce vomiting, give glass of water.
Eye	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.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Inhaled	If inhaled, remove from contaminated area, apply artificial respiration if not breathing.
First Aid Facilities	Eye wash facilities should be available.
PRECAUTIONS FOR USE	
Exposure Standards	Calcium Carbonate SWA:- ppm 10 mg/m ³ Quartz SWA:- ppm 0.1 mg/m ³
Engineering Controls	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.
TWA Personal Protection	Recommend dust mask, PVC or rubber gloves, dust-proof goggles and overalls. Where an inhalation risk exists, wear a Class P1 (Particulate) respirator.
Flammability	Non-flammable. May evolve toxic gases if strongly heated. Ignites on contact with fluorine.

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SAFE HANDLING INFORMATION

Safe Handling	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.
Safe Storage	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.
UN Class	None Allocated.
UN Number	None Allocated.
Packaging Group	None Allocated.
EPG Number	None Allocated.
Shipping Name	None Allocated.
Spills and Disposal	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.
Fire / Explosion Hazard	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 toxic gases if heated to decomposition.

OTHER INFORMATION

Prevent spillage from entering natural environment

CONTACT POINT

Site Manager - 0424 243 634

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