

SAFETY DATA SHEET (SDS)

Calcium Sulphate Dihydrate (Gypsum)



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 Sulphate Dihydrate - CaSO.2H2O.
Product Name	Gypsum, Selenite, Alabaster.
UN Number	None Allocated.
Dangerous Good Class & Subsidiary Risk	None Allocated.
Hazchem Code	None Allocated.
Poison Schedule Number	None Allocated.
Use	Agriculture Applications, Soil Conditioner.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance	Light brown powder with minor crystal.
Boiling Point	Not Available.
Melting Point	Not Available.
Vapour Pressure	Not Available.
Specific Gravity	Not Available.
Solubility in Water	Slightly Soluble.
Flammability	Non-flammable.
Hazchem Code	None Allocated.
Poisons Schedule Number	None Allocated.
Other Properties	Not soluble in dilute acids.

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COMPOSITION / INGREDIENTS		
CHEMICAL NAME	CAS NUMBER	PROPORTION
Calcium - Ca	7440-70-2	17.3%
Sulphur - S	7440-34-9	13.3%
Potassium - K	7440-09-7	0.55%
Magnesium - Mg	7439-95-4	0.218%
Zinc - Zn	7439-66-6	10.8 ppm
CHEMICAL NAME	CAS NUMBER	CONTENT
Calcium Sulphate Dihydrate	10101-41-4	>85%
Water	7732-18-5	<15%
HEALTH EFFECTS		
ACUTE		
Swallowed	Ingestion of very large quantities may result in constipation.	
Eye	Not classified as an eye irritant. Contact may cause discomfort, lacrimation 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)	
Swallowed	For advice, contact a Poisons Information Centre or a doctor (at once). If swallowed, do not induce vomiting.
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. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
Inhaled	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
First Aid Facilities	Eye wash facilities and safety shower should be available.
PRECAUTIONS FOR USE	
Exposure Standards	No exposure standards have been entered for this product.
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 (Sulphur oxides) when heated to decomposition.

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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.
UN Class	None Allocated.
UN Number	None Allocated.
Packaging Group	None Allocated.
EPG Number	None Allocated.
Shipping Name	None Allocated.
Spills and Disposal	Reuse where possible. No special precautions are normally required when handling this product. 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 aluminum (when heated), diazomethane, phosphorus (at high temperatures) and oxidising agents. May evolve toxic gases sulphur oxides) when heated to decomposition.

OTHER INFORMATION

The main component/s of this product are not anticipated to cause any adverse effects to plants or animals.

CONTACT POINT

Site Manager - 0424 243 634

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