

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Dolomite**

Chemical Formula: $\text{CaCO}_3\text{MgCO}_3$

Recommended Use: Fertiliser

New Zealand Supplier: **Fertspec Ltd t/a Biofert**
Address: 121 Whangarata Road,
Tuakau
Waikato

Telephone: +64 9 233 6491 0800PACBIO (0800722246)
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 1 July 2023

Section 2. Hazards Identification

NOT classified as hazardous

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Cas No.	CONTENT
Calcium Carbonate	1317-65-3	58%
Magnesium Carbonate	N/A	38%
Acid Insoluble		3%

Section 4. First Aid Measures

First Aid Measures: Contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning

Inhalation: If ill effects occur, remove patient to fresh air and keep at rest in position comfortable for breathing. Seek medical assistance.

Ingestion: Never give anything by mouth to an unconscious person. If large quantities have been swallowed give 1 or 2 glasses of fluids to dilute (if conscious), do NOT induce vomiting. Seek medical advice

Skin: Wash affected area thoroughly with soap and water, if it causes an irritation. Wash hands thoroughly before eating

Eyes: **Immediately** flush with gentle stream of water for until irritation gone, holding eyelids open if necessary. Remove contact lenses if present and easy to do. Seek medical attention

Advice to Doctor: Treat symptomatically

Section 5. Fire Fighting Measures

Flash Point	N/A (Non-Flammable)
Combustion Products	Decomposes at 800°C liberating carbon dioxide yielding a reactive alkaline powder (Calcium Oxide) that reacts exothermally with water. Remain upwind and notify those downwind of hazard
Extinguishing Media	Based on surrounding materials.
Protective Equipment	Breathing apparatus, goggles and protective gloves
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Spill and Disposal: Protect yourself and others from injury. Wear appropriate protective clothing. Contain spill and sweep up. Collect and place in sealable containers. Avoid generating dust. Reuse or recycle where possible

Small Spill: Wash down drain with plenty of water

Large Spill: Sweep up majority of spill, remainder do as above

Protective Clothing: For appropriate personal protective equipment see section 8

Environmental: Avoid unintended release of excessive amounts into waterways or sewers

Section 7. Handling and Storage

Handling: Avoid generating dusts. Do not breathe dusts. Keep away from Oxidizing agents, acids. Use only outdoors or in well-ventilated area

Approved Handler: Not required

Tracking: Not required

Record Keeping: Not required

Storage: Store in a cool, dry, well-ventilated place. Ensure containers/packages are adequately labelled, protected from physical damage and sealed when not in use

Other information: Avoid unintended release into the environment

Section 8 Exposure Controls / Personal Protection

Exposure Limits: **Time Weighted Average (TWA):** 10mg.m³ Respirable dust as dolomite
0.2mg.m³ as quartz

Total Exposure Limit (TEL): Not assigned

Protective Equipment: Overalls, safety glasses and gloves. If dust is present wear dust mask and dust proof goggles. Where a dust inhalation risk exists wear a class P1 (Particulate) respirator. Eye wash facilities should be available

Engineering Controls: Handle in well-ventilated area. If dust generated use local extraction to control. Avoid inhalation of dust

Hygiene Precautions: Remove protective clothing and wash hands and face after working with substance

Section 9 Physical and Chemical Properties

Appearance	Brown to orange or chip
Odour	
Specific Gravity	2.7 g/cm ³
Bulk Density	Not available
pH	
Solubility in Water	Insoluble in hot or cold water
Flash Point	N/A (Non Flammable)
Decomposition Temperature	800°C
Melting Point	1500°C
Vapour Pressure	N/A
Vapour Density	Not available
Boiling Point	Not available
Auto-ignition Temperature	N/A

Section 10. Stability and Reactivity

Stability	Product is stable.
Hazardous Polymerisation	Will not occur
Hazardous Decomposition Products	Decomposes at 800°C liberating carbon dioxide yielding a reactive alkaline powder (Calcium Oxide) that reacts exothermally with water. Remain upwind and notify those downwind of hazard
Conditions to Avoid	Incompatible materials.
Materials to Avoid	

Section 11 Toxicological Information

ERMA Classifications:

Ingestion	Low irritant
Dermal	Not applicable.
Inhalation	Low irritant. Over exposure may result in mucous membrane irritation of nose and throat with coughing
Skin	Low irritant
Eye	Low irritant
Other Information	No adverse health effects expected under normal conditions
Toxicity Data	Not available

Section 12. Ecotoxicological Information

ERMA Classifications: Not assigned

Ecotoxicity	Avoid unintended release into streams and waterways. Always use recommendations as outlined in the NZ Fertiliser Manufacturers' Research Association "Code of Practice for Fertiliser Use"
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Section 13. Disposal Considerations

Product Disposal	Observe any local authority restrictions that may apply. Collection into sealable containers and dispose of in an approved landfill. If practicable apply excess fertilizer at recommended rates to appropriate land
Container Disposal	Rinse container thoroughly prior to reuse. Otherwise render unusable and dispose of as waste

Section 14 Transport Information

UN Number: None Assigned

Other Information: Not regulated for transport purposes

Section 15 Regulatory Information

ERMA: Refer ERMA "User Guide To Controls" for full details

Section 16 Other Information

This SDS superseded all previous versions and was reviewed to include HSNO requirements.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied