

**Dolomite**

UPDATED: 19 December 2018

**Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER**

Product Name:	Dolomite
Other Names:	
Chemical Formula:	CaMg(CO <sub>3</sub> ) <sub>2</sub>
Product Code:	0110000
Recommended Use:	Fertiliser
Company Identification:	Ravensdown Fertiliser Co-operative Limited
Address:	312 Main South Road, Hornby, Christchurch 8042 PO Box 1049, Christchurch 8011
Customer Centre:	0800 100 123
National Poisons Information Centre:	0800 POISON (0800 764 766)
Emergency Phone Number:	0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
Transport Emergency Phone Number:	111 - tell operator what service is needed: Fire, Ambulance or Police

**Section 2: HAZARD IDENTIFICATION**

Statement of Hazardous Nature:	Not classified as hazardous
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**Section 3: COMPOSITION INFORMATION**

INGREDIENT	CAS No.	CONTENT
Dolomite	16389-88-1	100%

**Section 4: FIRST AID MEASURES**

First Aid Measures:	Consult 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 to fresh air. Keep at rest in comfortable position for breathing. Seek medical advice.
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
Eye:	<b>Immediately</b> 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

<b>Flash Point:</b>	N/A
<b>Hazardous Combustion Products:</b>	Decomposes at 800oC liberating carbon dioxide yielding a reactive alkaline powder (Calcium Oxide) that reacts exothermally with water. Remain upwind and notify those downwind of hazard.
<b>Extinguishing Media:</b>	Based on surrounding materials.
<b>Protective Equipment:</b>	Breathing apparatus goggles and protective gloves.
<b>HAZCHEM Code:</b>	None allocated.

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>Spills and Disposal:</b>	<p>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.</p> <p style="text-align: center;"><b>Small spills:</b> Wash down drain with plenty of water.</p> <p style="text-align: center;"><b>Large spills:</b> Sweep up majority of spill, remainder do as above.</p>
<b>Protective Clothing:</b>	For appropriate personal protective equipment see section 8.
<b>Environmental</b>	Avoid unintended release of excessive amounts into waterways or sewers. If spill does enter waterway contact local authority.

## Section 7: HANDLING AND STORAGE

<b>Handling:</b>	<p>Avoid generating dusts, do not breathe dusts. Keep away from oxidizing agents, acid. Use only outdoors or in a well-ventilated area.</p> <p style="text-align: center;"><b>Approved Handler:</b> Not required  <b>Tracking:</b> Not required  <b>Record Keeping:</b> Not required</p>
<b>Storage:</b>	Store in a cool, dry, well-ventilated area. Ensure containers/packages are adequately labelled, protected from physical damage and sealed when not in use.
<b>Other Information:</b>	Avoid unintended release into the environment.

## Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Exposure Limits:</b>	<p><b>Time Weighted Average (TWA):</b> 10mg.m3 Respirable dust as dolomite 0.2mg.m3 as quartz.</p> <p><b>Tolerable Exposure Limit (TEL):</b> Not assigned</p>
<b>Protective Equipment:</b>	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
<b>Engineering Controls:</b>	Handle in well-ventilation area. If dust generated use local extraction to control. Avoid inhalation of dust.
<b>Hygiene Precautions:</b>	Remove protective clothing and wash hands and face after working with substance.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Brown to orange.
<b>Format:</b>	Powder or chip
<b>Odour:</b>	
<b>Specific Gravity:</b>	2.7 g/cm <sup>3</sup>
<b>Bulk Density:</b>	Not available
<b>pH:</b>	
<b>Solubility in Water:</b>	Insoluble in hot or cold water
<b>Boiling Point:</b>	Not available
<b>Melting Point:</b>	1500°C
<b>Decomposition Temperature:</b>	800°C
<b>Vapour Pressure</b>	N/A
<b>Vapour Density:</b>	Not available
<b>Auto-ignition Temperature:</b>	N/A

## Section 10: STABILITY AND REACTIVITY

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

## Section 11: TOXICOLOGICAL INFORMATION

<b>Hazard Classifications:</b>	
<b>Ingestion:</b>	Low Irritant.
<b>Inhalation:</b>	Low Irritant. Over exposure may result in mucous membrane irritation of nose and throat with coughing.
<b>Skin:</b>	Low Irritant
<b>Eye:</b>	Low Irritant
<b>Other Information:</b>	No adverse health effects expected under normal conditions.
<b>Toxicological Data:</b>	Not available

## Section 12: ECOLOGICAL INFORMATION

<b>Hazard Classifications:</b>	Not assigned
<b>Ecotoxicity:</b>	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"

### Section 13: DISPOSAL INFORMATION

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

### Section 14: TRANSPORT INFORMATION

<b>UN Number:</b>	None Assigned
<b>Other Information:</b>	Not regulated for transport purposes.

### Section 15: REGULATORY INFORMATION

<b>EPA:</b>	See <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for approval controls.
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### Section 16: OTHER INFORMATION

This Safety Data Sheet was updated on the date shown and supersedes all previous versions.

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.