

1. Identification of the substance/mixture and supplier

Product name: MAG2000
Other names: Magnesium Carbonate, Preemox MC45 and Mag Carbonate
Recommended Uses: Agricultural Applications
Supplier Dickie Direct Limited
Street address 25 Railway Road, Whakatu
 Hastings 4172
Telephone Number 0800 4 DICKIE (4 34254)
Website www.dickiedirect.co.nz
Emergency Telephone 0800 CHEMCALL (24 hours)
 0800 243 622

2. Hazards Identification

GHS Classifications: Not classified as hazardous

3. Composition/Information on Ingredients

Contents	CAS Number	Proportion
Magnesium Carbonate	546 - 93 - 0	>90%
Calcium Carbonate	471 - 34 - 1	<1%

4. First Aid Measures

IF exposed or concerned: Get medical advice/ attention. For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor. Have product container or label at

hand.

Swallowed	Do NOT induce vomiting. Rinse mouth with water. Give water to drink to achieve dilution. Call a POISON CENTRE or doctor/physician if you feel unwell.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.
Skin Contact	Remove/take off immediately all contaminated clothing and wash before reuse. Rinse skin with water. If skin irritation occurs get medical attention.
Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.
Advice to Doctor	Treat symptomatically. Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766

5. Fire-fighting Measures

Flash Point:	N/A
Hazardous Combustion Products:	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.
Extinguishing Media:	Based on surrounding materials.
Protective Equipment:	Breathing apparatus goggles and protective gloves.
HAZCHEM Code:	None allocated.

6. Accidental Release Measures

Spills 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 spills: Wash down drain with plenty of water. Large spills: 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. If spill does enter waterway contact local authority.

7. Handling and Storage

Handling:	Avoid generating dusts, do not breathe dusts. Keep away from oxidizing agents, acid. Use only outdoors or in a well-ventilated area. Approved Handler: Not required Tracking: Not required Record Keeping: Not required
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Storage: Store in a cool, dry, well-ventilated area. Ensure containers/packages are adequately labelled, protected from physical damage and sealed when not in use.

Other Information: Avoid unintended release into the environment.

8. Exposure Controls/Personal Protection

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

Protective Equipment: **Tolerable Exposure Limit (TEL):** Not assigned
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 P! (Particulate) respirator. Eye wash facilities should be available

Engineering Controls: Handle in well-ventilation 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.

9. Physical and Chemical properties

Appearance: White
Format: Powder or chip
Odour:
Specific Gravity: 2.7 g/cm3
Bulk Density: Not available
pH:
Solubility in Water: Insoluble in hot or cold water
Boiling Point: Not available
Melting Point: 1500°C
Decomposition Temperature: 800oC
Vapour Pressure: N/A
Vapour Density: Not available
Auto-ignition: N/A

10. Stability and Reactivity

Stability: Product is stable.
Hazardous Polymerisation: Will not occur.
Hazardous Decomposition Products: 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.

Conditions to Avoid: Incompatible materials.

11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Hazard Classifications:

Ingestion:	Low Irritant.
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.
Toxicological Data:	Not available

12. Ecotoxicological information

Hazard 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"

13. Disposal

Product Disposal:	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.
Container Disposal:	Rinse containers thoroughly prior to reuse. Otherwise render unusable and dispose of as waste.

14. Transport information

Transport of Dangerous Goods Pictograms: *Not applicable for the UN RTDG Model Regulations*

Road and Rail Transport

Not Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory Information

Not classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) regulations 2001.

16. Other information

Date of preparation or last revision of SDS:

SDS revised: September 2021

References:

- Workplace Exposure Standards and Biological Exposures Indices
- Transport of Dangerous goods on land NZS 5433
- Preparation of Safety Data Sheets – Approved Code of Practices Under the HSNO Act 1996
- Assigning a hazardous substance to a group standard.

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