



SAFETY DATA SHEET – OZCALMAG

SECTION 1: PRODUCT IDENTIFICATION

Product: Granulated Dolomite.

Other Names: Pelletised Dolomite, Prilled Dolomite, Granular Dolomite

Manufacturer's Product Code: OZCALMAG

UN Number: None allocated.

Dangerous Goods Class & Subsidiary Risk: None allocated.

Hazchem Code: None allocated.

Poisons Schedule Number: Not scheduled.

Uses: Used as a neutralizing agent, for agricultural purposes, as a filler in some manufacturing, and as source of calcium and magnesium.

SECTION 2: HAZARD(S) IDENTIFICATION

Health Effects: No data available for the mixture. Information presented relates to individual ingredients.

SHORT TERM HAZARDS (Acute Exposure)

Swallowed: Ingestion of large quantities can cause irritability, nausea, dehydration and constipation. Lethal dose for an adult is estimated at over 1kg. Considered to be of very low toxicity.

Eyes: Irritant. May cause damage due to heavy rubbing. May cause tears.

Skin: Direct, prolonged or repeated contact with skin may cause irritation. Rubbing of product against skin may cause abrasions. Rinse with water until free of material to avoid abrasions, and then wash thoroughly with soap and water.

Inhaled: Dust will irritate the nose, throat and respiratory system. Symptoms include sneezing and slight nose irritation.



LONG TERM HAZARDS (Chronic)

Regular ingestion of more than 8g per day (Calcium Carbonate) reported to cause blood and kidney disorders.

Prolonged unprotected exposure to airborne dust is not advisable due to the possibility of respiratory illness.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name:	Proportion.
Calcium Magnesium Carbonate (CaCO ₃ .MgCO ₃):	> 90%
Magnesium Oxide:	< 5%
Limestone:	< 5%
Crystalline Silica:	< 0.5%
Appearance:	White to grey granule.
Boiling Point/Melting Point:	780°C.
Vapour Pressure:	Not applicable.
Specific Gravity:	2.8 to 2.9 (water =1).
Flashpoint:	Non-combustible (does not burn).
Flammability Limits:	Not applicable.
Auto-ignition Temperature:	Not applicable.
Odour:	No distinct odour.
Solubility in Liquids:	Sparingly soluble in water. Poorly soluble in dilute HCL.
OTHER PROPERTIES:	May react vigorously with acids resulting in generation of carbon dioxide, a simple asphyxiant. Incompatible with alum and ammonium salts.

SECTION 4: FIRST AID MEASURES

Recommended:	Eyewash. Hand wash basin.
ADVICE TO DOCTOR:	Product is industrial limestone. Contact poisons information centre.



SECTION 5: FIREFIGHTING MEASURES

FIRE/EXPLOSION HAZARD	Not a fire hazard. May react vigorously with acids, generating carbon dioxide, a simple asphyxiant.
Decomposition Products:	In a fire, decomposes into calcium oxide and carbon oxides.
Fire Fighting Recommendations	
In case of small fire/explosion use:	Water.
In case of major emergency:	Dial 000.
Hazchem code:	None assigned.
Type of extinguisher or agent:	Water or as for other chemicals present.
Danger of violent reaction or Explosion?	No.
Protective clothing:	As for other chemicals present.
Appropriate measures:	Dilute.
Evacuate?	No.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spills & Disposal:	For disposal of small spillages, sweep up and remove with ordinary solid waste. For large spillages, contain using sand or earth, then transfer to salvage containers. Residues should be treated as for small spillages.
Caution:	Before dealing with spillage, take necessary protective measures, inform others to keep at a safe distance. Avoid generating dust. Carefully sweep up into container and dispose of with ordinary garbage.



SECTION 7: HANDLING AND STORAGE

Storage & Transport:	Ensure all bags are kept closed to protect against weather, sunlight and moisture. All bulk loads should be covered and protected from the elements.
Storage Temperature:	Room temperature.
UN Class:	None allocated.
Packaging Group:	None allocated.
UN Number:	None assigned.
EPG Number:	None assigned.
Correct Shipping Name:	OZCALMAG
Storage Advice:	Store in a dry place. Keep container dry. Keep away from acids, alum and ammonium salts. Protect from physical damage. Clean up spills promptly, avoid secondary accidents.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Mechanical Precautions:	Consider local exhaust extraction to keep airborne contamination below TLV, along with sufficient ventilation.
Personal Protection:	Avoid contact with skin and eyes. Avoid inhaling the dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard: <ul style="list-style-type: none">• Dust mask• Goggles• Gloves, rubber or plastic• Overalls
Flammability:	Not flammable.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White to grey granule.
Boiling Point/Melting Point:	780°C.
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SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable.
Incompatibility:	Acids.
Hazardous polymerization:	Will not occur.

SECTION 11: TOXICOLOGY INFORMATION

Toxicology data :	An LD50 of 6,450 mg/kg (Rat, oral) has been identified for this product. Dolomite is not listed by MSHA, OSHA, or IARC as a carcinogen, but this product may contain trace amounts of crystalline silica, which has been classified by IARC as a carcinogen to humans when inhaled in the form of quartz or cristobalite.
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SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity :	The physical and chemical nature of the product, and toxicological data on ingredients, indicate that this product is a relatively low risk.
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Persistence and degradability : Product is persistent and would have a low degradability.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal considerations : Pickup and reuse clean materials. Waste should be placed in containers and disposed of with other construction waste in accordance with local authority guidelines. Measures should be taken to prevent dust generation during disposal and exposure and personal precautions should be observed (see Section 8). Where applicable, dispose of bags in an approved landfill or incinerator.

SECTION 14: TRANSPORT INFORMATION

Hazardous materials description /proper shipping name: Not hazardous under Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia.

Hazard Class : Not applicable.

Hazchem Code / Identification Number : Not applicable.

Required Label Text : Not applicable.

Hazardous Substances / Reportable Quantities (Rq) : Not applicable.

Marine Pollutant : No pollutant.

SECTION 15: REGULATORY INFORMATION

Poisons Schedule: Non-Scheduled.



SECTION 16: ANY OTHER RELEVANT INFORMATION

Contact Point: Advantage Agriculture Pty Limited
Pasquale Rombola – Director & Chairman
PO Box 1529, SUNSHINE PLAZA, QLD, 4558
Telephone 1300 562 182

24 Hour Emergency No's: +61 413 239 630

Emergency Services: Dial 000.

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Initial Approved Date: 01/11/2015 (Austin Smith – General Manager)

Revised Date: 20/8/2018 (Brian Foster – Technical Manager)
17/7/2019 (Brian Foster – Technical Manager)

DISCLAIMER:

This product should only be used by qualified personnel. While the information provided in this material safety data sheet is believed to provide a useful summary of the hazards of this product as it is commonly used, the sheet cannot anticipate and provide all of the information that may be needed in every situation. Inexperienced personnel should obtain proper training before using this product.

Advantage Agriculture Pty Ltd makes no warranty, expressed or implied, concerning the product or the accuracy of the information provided. The information provided herein was prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information to comply with all the laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use.

Pasquale Rombola

Signature Management Representative Date