

Dolomite Granular (Coarse)

Section 1 - Identification of Chemical Product and Company

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Trade Name: Dolomite Granular Coarse
Product Use: Agricultural fertiliser and soil amendment
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Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is **not** classified as Hazardous according to the criteria of ASCC.
Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.
SUSDP Classification: Not a scheduled poison
ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

Emergency Overview

Physical Description & colour: Cream to light brown granules 0.5 – 1.4mm
Odour: No odour
Major Health Hazards: No major health hazards expected if product handled in accordance with this MSDS and product label

Potential Health Effects

Ingestion: Ingestion of large amounts may result in internal obstruction, constipation or discomfort, nausea.
Eye contact: The dust is abrasive to the eyes.
Skin contact: Mildly irritating to the skin if exposed to frequent and prolonged contact.
Inhalation: The dust is irritating to the upper respiratory tract

Carcinogen Status:

ASCC: No significant ingredient is classified as carcinogenic
NTP: No significant ingredient is classified as carcinogenic by NTP.
IARC: No significant ingredient is classified as carcinogenic by IARC

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc %	TWA (mg/m ³)	STEL (mg/m ³)
Dolomite	16389-88-1	100*	not set	not set

*This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The ASCC TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

Inhalation: Inhalation is not normally harmful. Recovery is rapid after removal from exposure. If symptoms are experienced remove victim to fresh air.

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Skin Contact: Remove contaminated clothing and wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed. If irritation is experienced or persists, get medical advice

Eye Contact: Flush contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed. Obtain medical advice if irritation develops or persists.

Ingestion: Rinse mouth with water. If swallowed, give a glass of water to drink. Seek medical advice if large amounts have been ingested.

Advice to Doctor: Treat symptomatically

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: Not flammable

Extinguishing Media: To suit burning materials - Carbon Dioxide, dry chemical, foam, water

Fire Fighting: Product is not flammable. When fighting fires involving significant quantities of this product, wear self contained breathing apparatus and suitable protective clothing.

Hazchem Code: n/a

Decomposition Products: Combustion may release carbon dioxide.

Flash point: n/a

Upper Flammability Limit: n/a

Lower Flammability Limit: n/a

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses... Wear full protective chemically resistant clothing including Face mask, face shield, gauntlets and self contained breathing apparatus. See below under Personal Protection regarding Australian Standards relating to personal protective equipment.

Stop leak if safe to do so. Sweep up and shovel or collect product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Ensure legality of disposal by consulting regulations prior to disposal. Launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 - Handling and Storage

Handling: Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Containers should be kept closed in order to minimise contamination. Keep away from extreme heat and open flames and ensure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Store away from combustible materials, herbicides, fungicides.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)	ADI (mg/Kg/day)	NOEL (mg/Kg/day)
Dolomite	not set	not set	not set	not set

The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. A TWA has not been established by Worksafe Australia for any of the major ingredients in this product. There is a blanket limit of 10mg/m³ for dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use. ADI means Acceptable Daily Intake and NOEL means No-observable-effect-level. Values taken from Australian ADI List, Dec 2003.

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No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: If there is a significant chance of dusts accumulating in the area where this product is being used, a local exhaust system should be used.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: The prevention of skin contact by wearing impervious gloves, protective clothing, hat and boots is recommended.

Respirator: If there is a significant chance of dusts accumulating in the area where this product is being used, a mask or respirator should be used.

Always wash hands before eating, drinking or smoking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Cream to light brown granules 0.5- 1.4mm dia
Odour:	No odour
Vapour Pressure:	n/a
Decomposition:	730°C
Specific Gravity:	2.75 – 2.9
Water Solubility:	Not soluble
Flashpoint:	non flammable
Evaporation Rate:	n/a
pH:	9 (1% suspension in water)
Autoignition temp:	n/a

Section 10 – Stability and Reactivity

Reactivity: Reacts vigorously with acids to release Carbon Dioxide. Will ignite in contact with Fluorine

Conditions to Avoid: Avoid exposure to heat or flames, direct sunlight

Incompatibilities: Strong mineral acids. Fluorine, Aluminium, Ammonium salts

Decomposition Products: Combustion may release carbon dioxide

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

See possible health hazards see Section 2

Acute Toxicity: Oral LD₅₀ (Rat) = 6450 mg/kg

Section 12 - Ecological Information

Ecotoxicity

Because of the elevated pH of this product, it would be expected to produce some ecotoxicity upon exposure to aquatic organisms and aquatic systems in high concentrations.

Do not contaminate dams, waterways or sewers with this product or containers

Environmental Fate: This material shows no bioaccumulation effect or food chain concentration toxicity

Section 13 - Disposal Considerations

Do not empty into drains. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Dispose of only in accord with all regulations.

Section 14 - Transport Information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

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Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The ingredients are mentioned in the SUSDP.

Section 16 - Other Information

This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
ASCC	Office Of The Australian Safety & Compensation Council
CAS number	Chemical Abstracts Service Registry Number
Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
IARC	International Agency for Research on Cancer
NICNAS	National Industrial Chemicals Notification and Assessment Scheme
NTP	National Toxicology Program (USA)
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
UN Number	United Nations Number

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product. This MSDS is prepared in accord with the ASCC document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]

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MATERIAL SAFETY DATA SHEET