

## Section 1 - Identification of Chemical Product and Company

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**Trade Name:** Dolomite WDG  
**Product Use:** Soil Conditioner, Correction of Soil Calcium and Magnesium Deficiencies  
**Creation Date:** November 2007

## Section 2 - Hazards Identification

### Statement of Hazardous Nature

This product is not classified as hazardous according to the criteria of NOHSC Australia.

Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

**Risk Phrases:** Not Hazardous according to criteria of Worksafe Australia. R36/38 Irritating to eyes and skin

**Safety Phrases:** Not Hazardous according to criteria of Worksafe Australia. S24/25 Avoid Contact with skin and eyes, S37/39 Wear suitable gloves and eye protection.

**SUSDP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good.

**UN Number:** None allocated

### Emergency Overview

**Physical Description & colour:** Light Grey to off-white fine granule

**Odour:** No discernible odour

**Major Health Hazards:** No significant risk factors have been found for this product.

### Potential Health Effects

#### Inhalation:

Available data indicates that this product can be an irritant. Significant inhalation exposure is considered to be unlikely.

#### Skin Contact:

Available data indicates that this product is irritating to the skin.

#### Eye Contact:

Irritating to eyes

#### Ingestion:

Not considered to be toxic unless large amounts are ingested, which is unlikely in normal use

#### Carcinogen Status:

**NOHSC:** No significant ingredient is classified as carcinogenic by NOHSC.

**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 <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
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 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 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 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, burned 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:** First aid is not generally required. However individuals with pre-existing lung conditions may have increased susceptibility to dust exposure. Remove affected persons to a well ventilated area. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** Wash affected areas with copious amounts of water for 5 minutes or until chemical is removed. Remove all contaminated clothing and laundry before re-use. If in doubt obtain medical advice.

**Eye Contact:** Immediately irrigate with copious amounts of lukewarm, gently flowing water until the product is removed or until irritation has ceased, while holding the eyelid(s) open. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.

**Ingestion:** Rinse mouth thoroughly with water immediately and give water or milk to drink. Do not induce vomiting. If more than a small quantity has been swallowed, seek medical assistance. If in doubt contact a Poisons Information Centre or a doctor.

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## Section 5 - Fire Fighting Measures

**Fire and Explosion Hazards:** There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. However, fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

**Extinguishing Media:** Not Combustible. Use extinguishing media suited to burning materials.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point:** Does not burn.

**Upper Flammability Limit:** Does not burn.

**Lower Flammability Limit:** Does not burn.

**Autoignition temperature:** Not applicable - does not burn.

**Flammability Class:** Does not burn.

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## Section 6 - Accidental Release Measures

**Accidental release:** Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

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## Section 7 - Handling and Storage

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. 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:** Store in a dry, cool, well-ventilated area – dampness may cause handling difficulty. Make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10.

## 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<sup>3</sup>)

STEL (mg/m<sup>3</sup>)

ADI & corresponding NOEL not set. ADI means Acceptable Daily Intake and NOEL means No-observable-effect-level.

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:** Avoid high dust concentration and provide local exhaust ventilation where necessary.

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

**Skin Protection:** Wear PVC gloves to prevent skin contact. Wear overall and long sleeves to prevent contact

**Respirator:** Use P2 type canister respirator where dust is a problem

## Section 9 - Physical and Chemical Properties:

**Physical Description & colour:** Light Grey to off-white fine granular solid

**Odour:** No discernible odour

**Boiling Point:** N/A

**Melting Point:** No data

**Volatiles:** Water component.

**Vapour Pressure:** No data.

**Vapour Density:** No data.

**Bulk Density:** 2.7

**Water Solubility:** Insoluble in cold water

**pH:** 9 (1% soln in water)

**Volatility:** No data.

**Odour Threshold:** No data.

**Evaporation Rate:** No data.

**Coeff Oil/water distribution:** No data

**Flash Point:** N/A

**Auto ignition temp:** Not applicable - does not burn.

## Section 10 - Stability and Reactivity

**Reactivity:** This product is stable under normal temperatures and pressures, when stored and handled in accordance with this MSDS

**Conditions to Avoid:** Store away from heat or fire, keep away from strong acids and oxidising agents

**Incompatibilities:** Incompatible with strong oxidising agents, strong acids.

**Fire Decomposition:** Fire may cause the release of carbon dioxide, calcium & magnesium oxides.

**Polymerisation:** This product is unlikely to undergo polymerisation processes.

## Section 11 - Toxicological Information

### Health Effects:

When handled in accordance with the guidelines in this MSDS, this product should not present any health effects. If this product is mishandled, symptoms that may arise are:

**Inhalation:** Inhalation of large amounts of dust may cause inflammation of the nose and throat.

**Skin:** Prolonged skin contact in a localised area may result in irritation which manifests itself in reddening, scaling, itching and skin inflammation

**Eye:** Contact may cause mechanical irritation due to abrasion

## Section 12 - Ecological Information

Practically non toxic to aquatic organisms or land animals, not significantly hazardous for the environment

Effects on Aquatic Organisms: No data available

### ENVIRONMENTAL FATE

Breakdown of Chemical in Soil & Groundwater: Inert product in normal environmental conditions.

## Section 13 - Disposal Considerations

**Disposal:** This product is a soil conditioner and may be distributed on agricultural land. If no agricultural land is available, collect in sealed containers and dispose in accordance with EPA guidelines

## 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.

## Section 15 - Regulatory Information

**NOHSC:** Not classified as hazardous

**SUSDP:** Not listed as a poison

**AICS:** All of the significant ingredients in this formulation are to be found in the public AICS Database.

## Section 16 - Other Information

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

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Number</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSDP</b>	Standard for the Uniform Scheduling of Drugs & Poisons
<b>UN Number</b>	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 NOHSC document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]

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