

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Ezi Wet Granulated Soil Wetter
Product Code: BOM7245
Product Use: Soil Wetting Agent
Company Name: Richgro Garden Products
Company Address: 203 Acourt Road, Jandakot WA 6164
Telephone Number: (08) 6258 7100 or Toll free 1800 455 132
Fax Number: (08) 8455 1297 or Toll free 1800 671 297
Email: customerservice@richgro.com.au
This version issued: January 2017 and is valid for 5 years from this date.

SECTION 2 - HAZARDS IDENTIFICATION

Statement of Hazardous Nature

The solid product as supplied is classified as Non-Hazardous

GHS Signal word: NONE

HAZARD STATEMENT

H332 Harmful if inhaled (Applies to dust)

PREVENTION

P261: Avoid breathing dust.
P264: Wash hands and other exposed body parts thoroughly after handling
P271: Use only outdoors or in well ventilated area.

RESPONSE

P353: Rinse skin with water/shower.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P341: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

STORAGE

P403. Store in well ventilated place.

DISPOSAL

P501: Dispose of small or large quantities by recycling or reclaiming processes. If recycling or reclaiming is not possible for small quantities dispose of via local council garbage disposal services, for larger quantities, use a commercial waste disposal service.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Proportion of Ingredients
Non-ionic surfactant	-	<10%
Fish Fertiliser	-	<10%
Natural Bentonite	-	>80%

SECTION 4 - FIRST AID MEASURES

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until product is removed.

Eye Contact: No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop seek medical attention.

Advice to Doctor: Treat Symptomatically

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SECTION 5 - FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Non flammable.
Extinguishing Media/Agent: Not combustible. Use extinguishing media suited to burning materials.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Accidental release measures
Environmental precautions: Not applicable
Methods and materials for containment and cleaning up: For minor spills, sweep up material avoiding dust generation or rinse to sewer and put empty container in garbage. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Use product in well ventilated area. Prevent the build-up of dust in the work atmosphere.
Conditions for Safe Storage: Store in a cool, dry and well-ventilated area away from direct sunlight and moisture in original containers. Protect containers/bags against physical damage. Avoid dust generation and accumulation. Product is stable under normal conditions of storage and use.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

The following applies to **dust** from this product

Exposure Limits Exposure to dust from this product should be kept as low as practicable and below the following NES: Respirable dust: 0.1 mg/m³ TWA (Time-weighted average). Total dust (of any type, or particle size): 10mg/m³ TWA for inspirable dust.

Engineering Controls: Use of product should be in a well ventilated area.
All work should be carried out in such a way as to minimise dust generation, and exposure to dust.
Mechanical ventilation: Dust extraction and collection may be used, if necessary, to control airborne dust levels.
Work areas should be cleaned regularly.

Personal Protective Equipment:

Respiratory: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable dust mask. Respiratory protection depends primarily on the concentration of the respirable **dust** in the air, and the frequency and length of exposure time. A suitable P1 or P2 particulate respirator chosen and used in accordance with AS/NZS 175 and AS/NZSD 1716 may be sufficient for extremely dusty situations.

Other: Rubber / PVC gloves, safety glasses are optional protective equipment dependent on frequency and length of exposure time to product. No special equipment is usually needed when occasionally handling small quantities of this product.

Hygiene Controls: After use and before eating, drinking, smoking or using the toilet wash hands thoroughly with soap and water.
After each days use, wash contaminated clothing.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

Appearance :	Light Grey coloured granules
Odour:	None
pH:	No data
Vapour Pressure:	Negligible at normal ambient temperature.
Vapour Density:	Not determined.
Boiling Point/Range:	Not determined.
Freezing Point:	Not determined.
Solubility:	Slightly soluble in water.
Bulk Density:	Not available.
Flammability:	Non-combustible solid.
Flash point:	Not applicable.
Danger of Explosion:	Not applicable.
Auto-Ignition temp:	Not applicable.
Particle Size	A proportion of the dust may be respirable (below 10 microns) and if it becomes airborne constitutes an exposure if inhaled.

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions
Conditions to Avoid:	Dust generation
Incompatible materials:	None
Hazardous reactions:	None
Hazardous Decomposition Products:	None

SECTION 11 - TOXICOLOGICAL INFORMATION

Health Effects:

Acute (Short Term)

Skin:	May be mildly irritating and drying to the skin due to its physical characteristics.
Eye:	Dust from product is irritating to the eyes. Exposure to dust may aggravate pre-existing eye conditions.
Swallowed:	Unlikely under normal industrial use. Mildly abrasive to mouth and throat if swallowed.
Inhalation:	Dust from product is mildly irritating to the nose, throat and respiratory tract and may cause coughing and sneezing. Pre-existing upper respiratory and lung diseases including asthma and bronchitis may be aggravated.

Chronic (Long Term)

Skin:	Repeated heavy contact with the product may cause drying of the skin and can result in skin rash (dermatitis) typically affecting the hands. Over time this may become chronic.
Inhalation:	Repeated exposure to the dust from the product may result in increased nasal and respiratory secretions and coughing. Repeated exposure to HIGH LEVELS of dust from the product may result in inflammation of lining tissue of the respiratory system with increased risk of bronchitis and pneumonia. Long term occupational over-exposure or pro-longed breathing-in (or inhalation) of crystalline silica dust from the product at levels above the NES carries the risk of causing serious and irreversible lung diseases, including bronchitis, and silicosis (scarring of the lung).

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SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Ezi-Wet Granulated Soil Wetter poses no ecology risk. The product is non-toxic to aquatic and terrestrial organisms and is not biodegradable.

Persistence and Degradability: Product is persistent and is non-degradable.

Mobility: Low mobility would be expected in a landfill situation.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal:
Ezi-Wet Granulated Soil Wetter can be treated as a common waste for disposal or dumped into landfill site 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 above).

SECTION 14 - TRANSPORT INFORMATION

UN Number: None allocated
UN Proper Shipping Name: None allocated
Transport Hazard Class: None allocated
Packing Group: None allocated
Environmental Hazards: Not applicable
Special precautions for user: See above
Hazchem Code: None allocated

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product: Dust generated from this product contains crystalline silica. Crystalline Silica (Quartz) in the form of respirable fraction (dust) is classified as Hazardous according to the Hazardous Chemical Information System (HCIS) Safe Work Australia (SWA).

Exposures by inhalation to high levels of dust may be regulated under the Hazardous Substances Regulations (State and Territory) as they are applicable to respirable Crystalline Silica.

Poisons Schedule Number: Not applicable

SECTION 16 - OTHER INFORMATION

The information and recommendations in this safety data sheet are, to the best of our knowledge accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose and how it will be handled and used in the workplace, including in conjunction with other products.

Abbreviations and acronyms

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition
AICS Australian Inventory of Chemical Substances
CAS Number Chemical Abstracts Service Registry Number
Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC International Agency for Research on Cancer
mg/m³ Milligram per cubic metre
mg/kg Milligram per kilogram
SUSMP Standard for the Uniform Scheduling of Medicines & Poisons
SWA Safe Work Australia, formerly ASCC and NOHSC
UN Number United Nations Number