

MATERIAL SAFETY DATA SHEET



PRODUCT NAME: RICHGRO EZI-WET Granulated Soil Wetter

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: RICHGRO EZI-WET Granulated Soil Wetter

Other names: None. **Product Code:** BOM7245

Recommended use: Soil wetting agent.

Company name: Richgro Garden Products

Address: 203 Acourt Road, Jandakot

State: WA

Postcode: 6164

Telephone number: 08 6258 7100

Emergency Telephone No: 1800 455 132

SECTION 2: HAZARD IDENTIFICATION

Hazard Classification, including a statement of overall hazardous nature

HAZARDOUS SUBSTANCE

Not classified as hazardous according to the criteria of Safe Work Australia.

Safety Phrases

S22

Do not breathe dust.

S25

Avoid contact with eyes.

DANGEROUS GOODS.

Not classified as Dangerous Goods according to the ADG Code.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity of ingredients	Proportion of ingredients	CAS Number for ingredients
Non-ionic surfactant	<10 %	-
Fish Fertiliser	<10 %	-
Natural Bentonite	>80 %	-

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SECTION 4: FIRST AID MEASURES

First Aid Facilities

FIRST AID PROCEDURES FOR DEALING WITH THIS PRODUCT AND EXPOSURE TO IT

1. Swallowed

If product is swallowed or gets in mouth wash mouth with water and give some water to drink. **Do Not** induce vomiting. If symptoms develop, or if in doubt, contact a Poison Information Centre or seek medical attention.

2. Eyes

Quickly and gently brush particles from eyes. No effects is expected, however 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.

3. Skin

Gently brush away excess particles from the skin. Irritation is unlikely, however if irritation develops wash affected skin with lukewarm, gently flowing water for 5 minutes or until the product is removed.

4. Inhalation

First aid is not generally required. If in doubt, call a Poison Information Centre or seek medical attention if discomfort persists.

ADVICE TO DOCTOR.

Treat symptomatically.

Poison Information Centre in each state's capital city can provide additional assistance (Phone: 13 11 26)

SECTION 5: FIRE FIGHTING MEASURES

Product flammability

Non-flammable.

Suitable extinguishing media

Not combustible. Use extinguishing media suited to burning materials.

Hazard from combustion products

Non-combustible solid. No fire decomposition products are expected from this product at temperatures normally achieved in a fire.

Hazchem Code

Non allocated.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Methods and Materials for containment and clean up

For minor spills, sweep up material avoiding dust generation or rinse to sewer and put empty container in garbage. No special protective clothing is normally necessary for handling this product, however it is a good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage entering drains or water courses and call emergency services.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Use only in well ventilated area. Ensure an eye bath is available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Avoid inhalation of dust, contact with eyes, skin and clothing. Remove contaminated clothing and wash before reuse.

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.

Conditions for safe storage, including any incompatibilities

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.

Material is stable under normal conditions of storage and use.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards

No exposure limits have been established for this product by Safe Work Australia for any of the significant ingredients in this product.

However, the exposure standard for dust not otherwise specified is 10 mg/m³ (for inspirable dust) and 3mg/m³ (for respirable dust).

STEL (mg/m ³)	STEL (mg/kg)	TWA (mg/m ³)	TWA (mg/kg)
-	-	-	-

Engineering controls

No special ventilation requirements are normally necessary for this product.

However, make sure that the work environment remains clean and ensure adequate local and/or general exhaust ventilation to keep airborne concentrations below the permissible exposure limit.

Personal protective equipment

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.

Respirator: 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.

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

Skin: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Clothing: There is no specific recommendation for any particular protective material type.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (colour, physical form, shape): Light grey coloured granules.

Odour: No significant odour.

pH: No data.

Vapour pressure: Negligible at normal ambient temperature.

Vapour density: Not applicable.

Boiling point/range: Not available.

Melting point: No specific data.

Evaporation rate: Not applicable.

Solubility in water: Slightly soluble.

Bulk density: No data available.

Percent Volatiles: No specific data.

Flammability: Not flammable.

Ignition temperature: Not applicable – does not burn.

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

Product is stable under normal conditions of use, storage and temperature.

Conditions to avoid

Avoid generating and accumulating dust and wet conditions. Keep containers tightly closed and dry.

Incompatible Materials

No particular incompatibilities.

Reactivity

This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Hazardous Decomposition products

Fire Decomposition: No significant quantities of decomposition products are expected at temperatures normally achieved in a fire.

Polymerisation: This product will not undergo polymerisation reactions.

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SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Inhalation:

Inhalation of this product dust may irritate, inflame or sensitise the nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis.

Skin:

Contact with skin may cause irritation and dryness.

Eye:

May cause mechanical irritation to eyes.

Swallowed:

If swallowed may cause gastrointestinal discomfort, including nausea and vomiting.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

This product is unlikely to adversely effect the environment. Salts, acids and bases are typically diluted and neutralised when released to the environment in small quantities.

Persistence and Degradability

No information available.

Mobility

No information available.

Bioaccumulative Potential

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods and containers

Prevent discharge to water, soil and air and dispose in accordance with all Local, State and Federal environmental regulations. Carefully sweep up and shovel into suitable labeled containers.

Legislation

All empty packaging should be disposed of in accordance with local, state and Federal Regulations or recycled/reconditioned at an approved facility.

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SECTION 14: TRANSPORT INFORMATION

Land Transport (Australia)

Not classified as Dangerous Goods according to ADG Code. No special transport conditions are necessary unless required by other regulations.

UN Number

None allocated.

UN Proper shipping name

Not applicable.

Class and subsidiary risk

Not applicable.

Packing group

Not applicable.

Precaution for User

Not classified as Hazardous according to Worksafe Australia criteria.

Hazchem code

Not applicable.

SECTION 15: REGULATORY INFORMATION

Australian regulatory information

All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

SECTION 16: OTHER INFORMATION

Key / legend to abbreviations and acronyms used in the MSDS

NOHSC	National Occupational Health and Safety Commission
SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons
AICS	Australian Inventory of Chemical Substances
ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstracts Service (Registry Number)
ES-TWA	Exposure Standard – Time weighted average
ES-STEL	Exposure Standard – Short term exposure level
ES-Peak	Exposure Standard – Peak level
t/m ³	Tonnes per cubic metre
mg/m ³	Milligrams per cubic metre
mg/kg	Milligrams per kilogram
pH	Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline

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IMPORTANT NOTES

1. To the best of our knowledge this document complies with the National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011 (2003)].
2. This material safety data sheet 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 should read this material safety data sheet and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.
3. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the Safety and Emergency Services Department, Richgro Garden Products on (08) 6258 7100 (Australia), +61 8 6258 7100 (Overseas).
4. Our responsibility for products sold, is subject to our terms and conditions, a copy of which is sent to our customers, and is also available on request.
5. Richgro Garden Products reserves the right to make change to material safety data sheets without notice.