

## SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Richgro Ezi-Wet Water Storage Crystals  
**Product Code:** BOM8000  
**Product Use:** Moisture Retainer (with Controlled - Release Fertiliser)  
**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) 9455 1297 or Toll free 1800 671 297  
**Email:** customerservice@richgro.com.au  
**This version issued:** December 2016, and is valid for 5 years from this date.

### SECTION 2 - HAZARDS IDENTIFICATION

#### Statement of Hazardous Nature

This product is classified as: Not classified as hazardous according to the criteria of SWA.  
Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**UN Number:** None allocated

**GHS Signal word:** NONE. Not hazardous.

#### PREVENTION

- P102: Keep out of reach of children.
- P262: Do not get in eyes, on skin, or on clothing.
- P281: Use personal protective equipment as required.

#### RESPONSE

- P352: Wash with plenty of soap and water.
- P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P370+P378: Not combustible. Use extinguishing media suited to burning materials.

#### STORAGE

- P402+P404: Store in a dry place. Store in a closed container.
- P403+P235: Store in a well-ventilated place. Keep cool.

#### DISPOSAL

- P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Conc. %	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Potassium polyacrylate, cross-linked	-	>70 %	-	-
Controlled Release Fertiliser	-	< 30 %	-	-

### SECTION 4 - FIRST AID MEASURES

#### General Information:

**Oral Ingestion:** Clean mouth with water and give the person large quantities of water. Seek medical attention if symptoms persist.

**Eye contact:** Rinse immediately and with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin contact:** Wash with plenty of water and seek medical attention if irritation develops.

**Inhalation:** Provide fresh air. If necessary seek for medical advice.

**Advice to Doctor:** Treat symptomatically.

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### SECTION 5 - FIRE FIGHTING MEASURES

**Flammability:** Non-flammable.

**Extinguishing Media:** Use water spray or fog, dry chemicals or CO<sub>2</sub>.

**Fire Fighting:** In the event of fire do not breathe fumes. Wear self contained breathing apparatus to protect from carbon monoxide, carbon dioxide, nitrogen oxides and other obnoxious and toxic fumes.

**Flash point:** Not available.

**Flammability Limits:** Non-flammable.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Accidental release:**

Avoid dust formation. Sweep-up to prevent slipping hazard.

**Environmental precautions:**

Prevent material from entering drains and/or water ways.

**Methods for cleaning up:**

Contain material – sweep up or vacuum up spillage and collect in suitable container for disposal.

### SECTION 7 - HANDLING AND STORAGE

**Handling and Storage**

**Safe handling advice:**

Avoid dust formation. Handle with good industrial hygiene and safety practices.

**Conditions for safe storage:**

Keep container tightly closed. Keep away from flammable material. Store in a cool and dry place.

**Advice on protection against fire and explosion:**

No special protective measures against fire required.

### SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**SWA Exposure Limits**

**TWA (mg/m<sup>3</sup>)**

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

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

The exposure standard for dust not otherwise specified is 10 mg/m<sup>3</sup> (for inspirable dust) and 3 mg/m<sup>3</sup> (for respirable dust).

**Biological limit values:** None allocated.

**Engineering controls:** Ensure adequate ventilation

**Eye Protection:** Safety glasses with side-shields.

**Skin Protection:** Avoid contact with skin, eyes and clothing – for prolonged or repeated contact used protective gloves.

**Respirator:** In the case of dust or aerosol formation use respirator with an approved filter.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practices.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

<b>Physical Description &amp; colour:</b>	Mainly free flowing white granules, with brown, greenish and red resin coated granules.
<b>Odour:</b>	No significant odour.
<b>Boiling Point:</b>	Not available.
<b>Melting Point:</b>	Not available.
<b>Vapour Pressure (hPa):</b>	<20 at 20 °C
<b>Density:</b>	Approx. 0.7 g/cm <sup>3</sup>
<b>Bulk density:</b>	Approx. 650 kg/m <sup>3</sup>
<b>Solubility in water:</b>	Water crystals insoluble. CRF polymer coating insoluble - releases nutrients through coating.
<b>pH (1g/L)</b>	7.0 - 8.0
<b>Flash point:</b>	Not applicable.
<b>Ignition Temperature:</b>	Not available.

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**Explosiveness:** Dusts can form explosive mixtures with air.  
**Lower explosion limit:** Not determined.  
**Upper explosion limit:** Not determined.

### SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable under recommended use and storage.  
**Conditions to Avoid:** Keep away from open flames and sources of ignition.  
**Incompatibilities:** No known incompatibility with other materials.  
**Decomposition by-products:** No decomposition if stored normally.  
**Thermal decomposition:** >200°C

### SECTION 11 - TOXICOLOGICAL INFORMATION

#### Health hazards (acute & chronic):

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet.

#### Acute effects

**Ingestion:** May cause irritation to the mucous membranes of the mouth, throat and digestive tract.  
**Inhalation:** No hazard expected in normal use. Dust may cause irritation. Possible discomfort includes coughing and sneezing.  
**Skin:** May cause skin irritation.  
**Eye:** Dust may cause irritation.  
**Chronic exposure:** No adverse health effects are known.  
**Further Toxicological information:** No data is available.

### SECTION 12 - ECOLOGICAL INFORMATION

#### Elimination information(persistence and degradability)

**Biodegradability:** There is no data available for this product.  
**Behaviour in environmental compartments**  
**Mobility:** There is no data available for this product.  
**Ecotoxicity effects**  
**Toxicity to fish:** There is no data available for this product.

### SECTION 13 - DISPOSAL CONSIDERATIONS

**Disposal:** Dispose off in an approved landfill in accordance to state, federal and local regulations.

### SECTION 14 - TRANSPORT INFORMATION

**ADG Code:** Not classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.  
**Land Transport Code:** N/A  
**UN Number:** N/A  
**UN Proper Shipping Name:** N/A  
**Class and Subsidiary Risk:** N/A  
**Packing Group:** N/A  
**Precaution for User:** None  
**Hazchem Code:** Not applicable

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### SECTION 15 - REGULATORY INFORMATION

**Australian Regulatory Information:** Australian Worksafe  
**Poison Schedule:** Not scheduled  
**Registration:** Australia (AICS): Listed/Registered

### SECTION 16 - OTHER INFORMATION

**This SDS contains only safety-related information - for other data see Product Specification.**

**Acronyms:**

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS Number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</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>mg/m<sup>3</sup></b>	Milligram per cubic metre
<b>mg/kg</b>	Milligram per kilogram
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>UN Number</b>	United Nations Number

THIS SDS 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 SDS 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**