

## **RICHGRO GARDEN PRODUCTS**

### **Material Safety Data Sheet**

### **Richgro Ezi-Wet – Liquid Soil Wetter 1.0 L**

**Non hazardous according to Safe Work Australia (formerly NOHSC)**

#### **1. SUPPLY COMPANY IDENTIFICATION**

**Product name:** Richgro Ezi-Wet - Liquid Soil Wetter

**Supplier:** Richgro Garden Products  
**ABN:** 97 008 734 852  
**Street Address:** 203 Acourt Road  
Jandakot WA 6164  
Australia  
**Telephone:** + 61 8 9455 1323  
**Facsimile:** + 61 8 9455 1297

**Emergency telephone number:** 1800 455 132 Monday to Friday 9am to 5pm

#### **2. HAZARDS IDENTIFICATION**

##### **Hazard classification**

**The product is not classified as hazardous according to the criteria of Safe Work Australia (formerly the Australian Safety and Compensation Council (ASCC), formerly NOHSC).**

##### **Dangerous Good**

**The product is not a Dangerous Good.**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

**Hazard category:** None assigned.

**Risk phrase(s):** None assigned.

**Safety phrase(s):** None assigned.

**Poisons schedule (Australia):** None Allocated.

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#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Appearance:** Clear liquid.

Chemical Entity	CAS No.	Concentration %
Methylated spirits	64-17-5	3%
Non-hazardous ingredients, including water and surfactants		Balance

#### 4. FIRST AID MEASURES

**Poison Information Centres** in each State capital city can provide additional assistance **13 11 26** from anywhere in Australia, **(0800 764 766 in New Zealand)**.

**Ingestion:** Rinse mouth with water ensuring that mouth wash is not swallowed. Give plenty of water to drink. **DO NOT** attempt to induce vomiting. Seek medical attention if significant amounts have been swallowed. The product may act as a self emetic.

**Eye contact:** Irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Skin contact:** First aid is unlikely to be required as a result of exposure during any anticipated use. However, if any inflammation or soreness of the skin develops seek medical attention.

**Inhalation:** First aid is unlikely to be required as a result of exposure during any anticipated use.

**Advice to doctor:** Product is unlikely to cause any chronic health effects. Treat symptomatically.

#### 5. FIRE - FIGHTING MEASURES

**Extinguishing media:** Use whatever is appropriate for the surrounding fire.

**Hazards from combustion products:** The product may evolve toxic fumes if heated to decomposition but is not expected to significantly add to the hazard in a fire situation.

**Precautions for fire fighters:** Fire fighters should wear self-contained breathing apparatus and full protective clothing.

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#### 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** Exercise caution as spills may be slippery. Avoid accidents and clean up immediately - mop up and rinse to drain or simply wash away with water. Do not touch or walk through spilled material.

**Methods and materials for containment and clean up procedures:** Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled drums for disposal. Wash area down with excess water to remove residual material.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling:** Avoid any contact with the eyes and repeated or prolonged skin contact. Do not dispose of material to sewers or waterways. No other precautions are necessary for normal use. However, always wash hands before smoking, eating, drinking or using the toilet.

**Conditions for safe storage:** General storage is adequate – however, store in a cool place and out of direct sunlight. Protect containers against physical damage.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Exposure standards:

Exposure Standards have not been allocated to this product.

##### Information for ingredients is:

Ingredient	CAS No	TWA	STEL
Ethanol	64-17-5	1000 mg/L 1880 mg/m <sup>3</sup>	_____

Exposure standards represent airborne concentrations of individual chemical substances which, according to current knowledge, should neither impair the health of, nor cause undue discomfort to, nearly all workers. Except where modified by consideration of excursion limits, exposure standards apply to long term exposure to a substance over an eight-hour day, for a five-day working week, over an entire working life.

Except for **STELs (Short Term Exposure Limits)**, or where a peak value has been assigned, the exposure standards for airborne contaminants are expressed as a **time-weighted average (TWA) concentration** of that substance over an eight-hour working day, for a five-day working week.

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The term "**peak**" is used when the TWA limit should never be exceeded, even briefly, because of the rapid action of the substance.

**Biological limit values:** None allocated.

**Engineering controls:** None required.

**Personal protective equipment:** None required.

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear liquid

**Odour:** Slightly alcoholic

**Colour:** Clear

**Solubility:** Soluble

**pH (1% aqueous solution):** 7

**Boiling point:** 100°C

**Flash point:** None

**Explosive properties:** None

**Vapour pressure:** Negligible

**Specific gravity:** ~ 1.0

#### **10. STABILITY AND REACTIVITY**

**Chemical stability:** Product is considered stable under normal conditions of use.

**Conditions to avoid:** None identified.

**Incompatible materials:** None known.

**Hazardous decomposition products:** None known.

**Hazardous reactions:** None known.

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#### **11. TOXICOLOGICAL INFORMATION**

##### **Health Hazards Acute Effects**

**Ingestion:** Mildly irritant, may act as a self emetic.

**Eye:** Product may cause mild, transient irritation to the eyes. This is expected to cease once contact is removed.

**Skin:** Low hazard, no health effects are expected as a result of normal use. However, contact with skin may result in skin irritation and sensitisation in susceptible people.

**Inhalation:** Low hazard, no health effects are expected as a result of normal use. Product is not volatile and does not evolve significant levels of vapour in the air.

##### **Health Hazards Chronic**

Ingestion is the only route of entry into the body. No chronic health effects are expected to result from the exposure to this product.

##### **Information for ingredients is:**

Ethanol: LD50 7060 mg/kg (oral, rat)

#### **12. ECOLOGICAL INFORMATION**

**Environmental Toxicity:** Product is not expected to exhibit any environmental toxicity except that it may act as a surfactant.

**Persistence/degradability:** Not known.

**Mobility:** Water based product mobile in water and soil.

**Bioaccumulation:** Does not bioaccumulate significantly.

#### **13. DISPOSAL CONSIDERATIONS**

**Disposal methods:** Product may be disposed as normal household waste or it may be diluted and flushed away with water.

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#### **14. TRANSPORT INFORMATION**

**Not classified as Dangerous Good** by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

**DG Class:** Not applicable

**Proper Shipping Name:** Not applicable

**UN Number:** Not applicable

**Packing Group:** Not applicable

**Hazchem Code:** Not applicable

#### **15. REGULATORY INFORMATION**

**Poisons schedule (Australia):** None Allocated

Product is not a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SSUSMP).

#### **16. OTHER INFORMATION**

##### **References**

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 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>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

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#### **Abbreviations:**

<b>LC50</b>	Lethal dose for 50% of test population, by inhalation.
<b>LDLo</b>	Lowest documented lethal dose.
<b>LD50</b>	Lethal dose for 50% of test population, by ingestion or skin contact.
<b>TDL0</b>	Lowest published toxic dose.

This **MSDS** summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since **Richgro Garden Products** cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.