

## SAFETY DATA SHEET

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

**Product Name:** Richgro Feed as you Weed Fertiliser Granular  
**Product Code:** BOM7200  
**Product Use:** Lawn 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:** February 2018 and is valid for 5 years from this date.

### SECTION 2 - HAZARDS IDENTIFICATION

#### Statement of Hazardous Nature

This product is classified as: Xn, Harmful, according to the criteria of SWA.  
Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good under the ADG Code.

**UN Number:** None allocated



#### GHS Signal word: WARNING

#### Hazard Classification

Skin corrosion / irritation – Category 2  
Serious eye damage / eye irritation – Category 2A

#### Hazard Statement

**H303:** May be harmful if swallowed  
**H315:** Causes skin irritation  
**H319:** Causes serious eye irritation

#### PREVENTION

P102: Keep out of reach of children.

#### RESPONSE

P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P332+P313: If skin irritation occurs: Get medical advice.  
P337+P313: If eye irritation persists: Get medical advice.  
P353: Rinse skin with water / shower.  
P363: Wash contaminated clothing before reuse.  
P370+P378: In case of fire. Use extinguishing media suited to burning materials.

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### STORAGE

P402: Store in a dry place.  
P403: Store in a well-ventilated place.

### 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	Proportion of Ingredients
Ammonium Sulphate	7783-20-2	Less than 50%
Ferrous Sulphate Heptahydrate	7782-63-0	0 – 30%
Silica based Non hazardous Materials	-	Less than 50%

### SECTION 4 - FIRST AID MEASURES

#### General Information:

Whenever fertilisers are in regular use ensure drinking water and eyewash facilities are available.

- Inhalation:** If over exposure occurs remove affected person to a well ventilated area. Keep warm and at rest. In emergency situations, if breathing is difficult give oxygen. If the affected person suffers cardiac arrest commence cardio-pulmonary resuscitation immediately. Seek urgent medical attention.
- Skin Contact:** Gently flush affected areas with water. Seek medical attention if irritation develops. Remove all contaminated clothing and launder before re-use.
- Eye Contact:** Flush gently with running water for at least 15 minutes lifting lower and upper eyelids occasionally. Seek medical attention if irritation develops.
- Ingestion:** If person is conscious, rinse mouth thoroughly with water immediately, and give water or milk to drink. **DO NOT** induce vomiting. Seek medical attention, if more than a small quantity has been swallowed, or there is pain or difficulty with swallowing.
- Advice to Doctor:** Treat symptomatically based on individual reactions of patient.

### SECTION 5 - FIRE FIGHTING MEASURES

- Flammability:** Non-flammable and does not support combustion.
- Extinguishing Media:** Non-flammable and does not support combustion.
- Hazard from Combustion Products:** Will form flammable and toxic gases at elevated temperatures (> 280°C) by thermal decomposition, yielding ammonia, sulfur oxides and nitrogen oxides.

**Hazchem Code:** None allocated.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

#### Accidental release:

Any spillage should be cleaned up promptly and swept up. Prevent run-off into drains and waterways.

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### SECTION 7 - HANDLING AND STORAGE

**Handling:**

Keep away from alkalis, chlorinated agents (such as swimming pool chlorine) strong acids when transporting.

**Storage:**

Store in a cool, clean, dry and well ventilated area. Avoid contact with moisture, as it will cause product handling problems.

Store away from oxidizing agents, alkalis and chlorinating agents such as swimming pool chlorine.

### SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**National Exposure Standards**

No exposure standard has been established for this product by the ACGIH. However, ASGIH recommended value for inhalable particulates is 10mg/m<sup>3</sup> TLV/TWA (for inspirable dust), and 3mg/m<sup>3</sup> (for respirable dust).

**Engineering Controls:**

Use in well ventilated areas. Avoid high dust concentration.

**Personal Protective Equipment:**

Wear rubber or PVC gloves to prevent skin contact. Where dust is a problem use a P2 type canister Respirator. Wear long sleeves and long trousers to prevent contact. Wear chemical safety glasses to prevent eye contact.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Physical Description & colour:**

Mixture of pale blue-green and white crystals.

**Odour:**

No significant odour.

**Boiling Point/Range:**

No data available.

**Freezing/Melting Point:**

No data available.

**Vapour Pressure:**

Not applicable.

**Vapour Density:**

Not applicable.

**% Volatiles:**

No data available.

**Bulk Density:**

No data available

**Solubility:**

Soluble in water. Not soluble in alcohol or acetone.

**pH:**

4 – 6

**Flammability:**

Not flammable

**Evaporation Rate:**

No data available.

**Upper & Lower flammable (explosive) limits in air:**

Not relevant.

**Flash point and method of**

**Detecting flash point:**

Not relevant.

**Ignition temp:**

Not available.

### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:**

Reacts with alkalis, oxidizing agents, chlorine bleaches, pool chlorine, strong acids, and sources of ignition. Contact with alkalis will release ammonia gas. Contact with chlorinating agents, such as calcium hypochlorite or sodium hypochlorite, can form explosive nitrogen trichloride.

Highly corrosive to aluminium, zinc, copper, brass, iron and galvanized steel.

**Decomposition products:**

Contact with alkalis will release ammonia gas. Decomposes on heating and produces toxic fumes of sulphur oxides.

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### SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Health Effects:</b>	No adverse health effects expected if the product is handled in accordance with this <b>Safety Data Sheet</b> and the product label. Symptoms that may arise if the product is mishandled are : Direct contact and repeated inhalation of dust and/or liquid mists from this product may cause skin irritation or infection, respiratory irritation, inflammation or sensitization.
<b>Inhalation:</b>	High dust concentration of air-borne material may cause irritation to the nose and upper respiratory tract; symptoms may include coughing and sore throat.
<b>Skin:</b>	Product is moderately discomforting to the skin and is capable of causing skin reactions. Prolonged contact may cause some irritation, including redness and itching.
<b>Eye:</b>	May cause irritation, redness and pain following contact.
<b>Swallowed:</b>	Product is highly discomforting to the gastro – intestinal tract and may be harmful if large amounts are ingested. Large amounts are ingested. Large amounts give rise to gastro-intestinal irritation, with symptoms such as nausea, vomiting and diarrhoea, irregular heartbeat and hypertension.

#### TOXICITY DATA

##### Ammonium sulphate (7783-20-2)

LD50 (Intraperitoneal): 610 mg/kg (mouse)
TDLo (Ingestion): 1500 mg/kg (man - gastrointestinal effects)
LD50 (Ingestion): 640 mg/kg (mouse)
LDLo (Ingestion): 3500 mg/kg (domestic animal)

##### Ferrous Sulphate Heptahydrate (7782-63-0)

LD50 (Oral): 1389mg/kg(rat)
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### SECTION 12 - ECOLOGICAL INFORMATION

#### Environmental Impact:

Avoid contaminating drains, sewers and waterways.

### SECTION 13 - DISPOSAL CONSIDERATIONS

#### Disposal:

Dispose of on an authorized waste facility in accordance with statutory requirements. Avoid dust dispersal.

#### Legislation

Dispose in accordance with relevant Hazardous Substances (Disposal) Regulations 2001.

### SECTION 14 - TRANSPORT INFORMATION

<b>ADG Code:</b>	Non-Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code).
<b>UN Number:</b>	None allocated
<b>UN Proper Shipping Name:</b>	None allocated
<b>Class and Subsidiary Risk:</b>	None allocated
<b>Packing Group:</b>	None allocated
<b>EPG:</b>	None allocated
<b>Hazchem Code:</b>	None allocated

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### SECTION 15 - REGULATORY INFORMATION

#### Australian Regulatory Information:

A poison schedule number has not been allocated to this product using the criteria in the Standard for Uniformed Scheduling of Medicines and Poisons (SUSMP).

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

### 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**