

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: December 2016 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

H302: Harmful if swallowed

H303: Harmful in contact with skin

H304: Harmful if inhaled

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.

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.

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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 laundry 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.

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.

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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 ³ TLV/TWA (for inspirable dust), and 3mg/m ³ (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.

SECTION 11 - TOXICOLOGICAL INFORMATION

Health Effects:	No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet 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.
Inhalation:	High dust concentration of air-borne material may cause irritation to the nose and upper respiratory tract; symptoms may include coughing and sore throat.
Skin:	Product is moderately discomforting to the skin and is capable of causing skin reactions. Prolonged contact may cause some irritation, including redness and itching.

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Eye: May cause irritation, redness and pain following contact.

Swallowed: 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)

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

ADG Code: Non-Dangerous Goods according to the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number: None allocated

UN Proper Shipping Name: None allocated

Class and Subsidiary Risk: None allocated

Packing Group: None allocated

EPG: None allocated

Hazchem Code: None allocated

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).

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SECTION 16 - OTHER INFORMATION

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

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
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
SWA	Safe Work Australia, formerly ASCC and NOHSC
UN Number	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