

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Richgro Rock Mineral Fertiliser and Soil Improver
Other Names: Not listed
Product Code: BOM7700
Product Use: Used in agriculture and horticulture applications.
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: April 2017 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 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

Statement of Hazardous Nature

The solid product as supplied is classified as Non-Hazardous.

GHS Signal word: NONE. Not hazardous.

PREVENTION

P102: Keep out of reach of children.

P264: Wash hands and other exposed body parts thoroughly after handling

P271: Use only outdoors or in well ventilated area.

RESPONSE

P353: Rinse skin with water/shower.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P341. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: Dispose of small or large quantities by recycling or reclaiming processes. If recycling or reclaiming is not possible for small quantities dispose of via local council garbage disposal services, for larger quantities, use a commercial waste disposal service.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Proportion of Ingredients
SF12 (Rock Phosphate, Volcanic Rock, Lime, Gypsum and Carbon)		36%
Ammonium Sulphate	7783-20-2	28.5%
Urea (NH ₂) ₂ CO	57-13-6	10%
Potassium Sulphate	7778-80-5	20%
Proprietary Biological Coating		2.5%
Other Non-hazardous Ingredients		Up to 100%

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SECTION 4 - FIRST AID MEASURES

General Information:

Inhalation:

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing

Skin Contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.

Eye Contact:

If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Ingestion:

For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).

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. In case of fire in the surroundings, use appropriate extinguishing media: water jets, water sprays or fire extinguisher.

Hazchem Code:

None allocated.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Accidental release:

If spilt flush away with copious amounts of water. Collect and store in properly labelled containers for disposal or reuse.

SECTION 7 - HANDLING AND STORAGE

Handling:

Use product in well ventilated area. Prevent the build of dust in the work atmosphere. Avoid inhalation of dust, and skin or eye contact. Always maintain high standards of personal hygiene.

Storage:

Store in cool, dry and well ventilated area. Protect bags from damage.

General Work Practices: fertiliser products not to be stored close to acids.

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/m³ TLV/TWA (for inspirable dust), and 3mg/m³ (for respirable dust).

Engineering Controls:

Use in well ventilated areas. Avoid high dust concentration.

Personal Protective Equipment:

Eyes: Safety glasses with side shields.

Hands: Avoid prolonged contact with skin wear impervious gloves always wash hands before smoking, eating, drinking or using the toilet.

Clothing: Wash contaminated clothing and other PPE before storage and or re use product may stain.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Description & colour:	Granulated solid with grey, creamy and white granules.
Odour:	Odourless.
Boiling Point/Range:	Not applicable.
Freezing/Melting Point:	Not available.
Vapour Pressure:	Not relevant.
Vapour Density:	Not relevant.
% Volatiles:	Not relevant.
Bulk density:	963 kg/m ³
Solubility in water:	40%
pH:	7.2

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	Stable under recommended conditions of storage. Avoid moisture.
Incompatibilities:	Water, strong acids, strong bases.
Fire Decomposition:	Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. May form oxides of sulfur (sulfur dioxide is a respiratory hazard) and other sulfur compounds. Potassium compounds.
Polymerisation:	This product will not undergo polymerisation reactions.

SECTION 11 - TOXICOLOGICAL INFORMATION

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:	This product is not classified as a skin irritant and is not known to be a skin or respiratory sensitiser. Prolonged or repeated exposure to dust may result in irritation and dermatitis.
Eye:	Not classified as an eye irritant. Contact may result in mild irritation, lacrimation and redness.
Swallowed:	Low toxicity. Ingestion of large quantities may result in nausea and gastrointestinal irritation.
STOT (single exposure):	Not classified as causing organ effects from single exposure.
STOT (repeated exposure):	Not classified as causing organ effects from repeated exposure.
Toxicity Data:	LD50: 350mg/Kg Rat (Intramuscular).

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Impact:

Limited eco toxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal:

Dispose of on a farm, approved landfill or other authorised waste facility in accordance with statutory requirements. Clean up personnel should vacuum or wet sweep to avoid dust dispersal.

Legislation

Dispose in accordance with relevant local legislation.

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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 the Uniform Scheduling of Drugs and Poisons (SUSDP).

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:

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
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