

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Richgro Potting Mixes
Other Names: A range of Regular and Premium Potting Mixes
Product Use: General horticultural purpose
Company Name: RICHGRO
Company Address: 203 Acourt Road, Jandakot WA 6164
Telephone Number: (08) 6258 7100 or Toll free 1800 455 132
Email: customerservice@richgro.com.au
This version issued: September 2021 and is valid for 5 years from this date.

SECTION 2 - HAZARD IDENTIFICATION

Hazard Classification, including a statement of overall hazardous nature

Hazardous Substance: Potting Mixes are classified as hazardous according to SWA criteria.
Dangerous Goods: Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.
UN Number: None allocated.



GHS Signal word: WARNING

Acute Toxicity Oral Category 4
Acute Toxicity Dermal Category 4
Acute Toxicity Inhalation Category 4

HAZARD STATEMENT:

H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H332: Harmful if inhaled.

PREVENTION

P261: Avoid breathing dust / mists, vapours or spray.
P264: Wash contacted areas thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P281: Use personal protective equipment as required.

RESPONSE

P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P381: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363: Wash contaminated clothing before reuse.

STORAGE

P402: Store in dry place.
P403+P235: Store in a well-ventilated place. Keep cool.
P420: Store away from other materials. (food, drink and animal feeding materials)

DISPOSAL

P501: Dispose of small quantities and empty containers for disposal as trade waste in accordance with local authority guidelines. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service. Clean up personnel should vacuum or wet sweep to avoid dust dispersal

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SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Proportion of Ingredients	CAS No
This product is a blend of raw and/or composted natural organic materials, with addition of mineral additives	100%	None Allocated

SECTION 4 - FIRST AID MEASURES

General Information:

Inhalation:	Remove affected person from exposure to a well-ventilated area. If irritation persists seek medical attention.
Skin Contact:	Wash with soap and plenty of water. If irritation persist seek medical attention.
Eye Contact:	Irrigate immediately with plenty of lukewarm water for at least 15 minutes and if irritation persist seek medical attention.
Ingestion:	Wash out mouth with water. Seek medical attention.
Advice to Doctor:	Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

Flammability:	Non-flammable
Extinguishing Media:	Water or Class A extinguishers for fire fighting if necessary
Hazard from Combustion Products:	No information available.
Hazchem Code:	None allocated

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Methods and Materials for containment and clean up:

Wear full protective clothing and personal protection. Carefully and promptly clean up the spill and collect the material into suitable containers. Hold for reuse/recycle or disposal in accordance with local authority guidelines. Prevent run-off into drains and waterways.

SECTION 7 - HANDLING AND STORAGE

Handling:	Avoid contact with eyes and skin. Avoid breathing dust and/or liquid mists (bioaerosols). Wash your hands carefully after handling this product. Wash work clothes regularly.
Storage:	Store in a cool, dry and well-ventilated area. Keep away from food, drink and animal feeding stuffs. Clean up by wet sweeping and/or vacuuming.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

National exposure standards:

There are no specific exposure standards which have been allocated for potting mixes and soil products. General recommended exposure standards for dust not otherwise specified are:

Total Inhalable Dust:	10 mg/m ³ (National Occupational Health & Safety Commission, 2004, NOHSC)
Total Respirable Dust:	2mg/m ³ (American Conference of Governmental Occupational Hygienists, 1986, ACGIH)
Biological Limit Values:	None allocated.
Engineering Controls:	Use in open or well-ventilated areas. All work with this product should be carried out with precautions to avoid skin and eye contact and minimise exposure to dust.
Personal Protective Equipment:	Wear suitable protective equipment including protective clothing, standard duty gloves and safety shoes. If exposed to product dust/or liquid mists wear safety glasses and dust mask/respirator.

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Personal Protective Equipment:

The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS2161**, Occupational Protective Clothing: **AS/NZS 4501 set 2008**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZ S2210**

Always wash your hands thoroughly after working with Potting Mixes.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

Physical Description &

Colour:	Blend of natural organic and mineral materials, dark brown to black in colour
Odour:	Earthy odour
Boiling Point:	Not applicable
Freezing/Melting Point:	Not applicable
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable
Bulk Density:	Varies according to composition and moisture content – approximately 1.3m ³ /t
Water Solubility:	Not readily soluble
pH:	5.3 – 6.5
Flammability:	Non-flammable

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage and use
Conditions to Avoid:	None known
Incompatibilities:	None known
Reactivity:	None known
Hazard Decomposition	
Products:	None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Health Effects

Acute Health Effects:	<u>Potting mix dust and liquid mist are recognised to be a potential health hazard.</u> This material contains a variety of living organisms, including bacteria, fungi and protozoa. People should handle these products with special care including use of all recommended protective equipment.
Chronic Health Effects:	Direct contact and repeated inhalation of dust and/or liquid mists from these products may cause skin irritation or infection, respiratory irritation, inflammation or sensitisation of the nose, throat and lungs resulting in illness ranging from hay fever, asthma, bronchitis to pneumonia or other pneumonia-like illnesses (e.g., Legionnaire's disease). Children, pregnant woman, the elderly, people with pre-existing medical conditions or the immuno-compromised people may be at a particular risk from these illnesses if exposed to these products. All people working with this one and other horticultural and landscaping products should safeguard themselves from tetanus.
Inhalation:	Inhalation of any amount of dust from this product may have an immediate or delayed effect to irritate, inflame or sensitise the nose, throat and lungs, and exacerbate pre-existing conditions such as asthma and bronchitis.
Skin:	Any level of skin contacts with this product and/or its dust may lead to immediate or delayed skin irritation, and in susceptible people may cause skin sensitisation, dermatitis or skin infection.
Eye:	In the event that any dose of this material or the dust comes into contact with eyes, it may have an immediate or delayed irritating effect resulting in redness and watering or an infection.

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Swallowed: Ingestion is unlikely through normal use. However, swallowing any amounts of this product may cause immediate or delayed abdominal discomfort and increase the risk of gastro-intestinal infections.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No information available
Persistence and Degradability: No information available
Mobility: Only mobile in significant water and wind
Environment: Do not allow product to contaminate drains, ponds, streams and other waterways

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal: Dispose of product by using totally or collect in containers for disposal as trade waste in accordance with local authority guidelines. Clean up personnel should vacuum or wet sweep to avoid dust dispersal.
Legislation: Dispose of in accordance with relevant local legislation.

SECTION 14 - TRANSPORT INFORMATION

UN Number: None allocated
UN Proper Shipping Name: None allocated
Class and Subsidiary Risk: None allocated
Packing Group: None allocated
Precaution for User: Trucks to use tarpaulin to cover the load (for bulk deliveries). No other special storage or transport requirements necessary. Not classified as Dangerous Goods according to the Dangerous Goods Code.
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).

SECTION 16 - OTHER INFORMATION

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

Acronyms:

GHS Globally Harmonised System of Classification and Labelling of Chemicals
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
NOS Not otherwise specified
NTP National Toxicology Program (USA)
TWA: Time Weighted Average

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pH	Relates to hydrogen ion concentration – this value will relate to a scale of 0 – 14 where 0 is highly acidic and 14 is high alkaline
t/m3	Tonnes per cubic metre
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
SWA	Safe Work Australia, formerly ASCC and NOHSC
UN Number	United Nations Number

TO THE BEST OF OUR KNOWLEDGE THIS DOCUMENT COMPLIES WITH THE NATIONAL CODE OF PRACTICE FOR THE PREPARATION OF MATERIAL SAFETY DATA SHEETS 2ND EDITION [NOHSC:2011(2003)]

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD STATEMENT 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, INCLUDING IN CONJUNCTION WITH OTHER PRODUCTS.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THE SAFETY AND EMERGENCY SERVICES DEPARTMENT AT RICHGRO ON **(08) 6258 7100 (AUSTRALIA)** OR **+61 8 6258 7100 (OVERSEAS)**, 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.

RICHGRO RESERVES THE RIGHT TO MAKE CHANGES TO SAFETY DATA SHEETS WITHOUT NOTICE.

This SDS is prepared in accordance with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011”.

Please read all labels carefully before using product.