

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SUPER PHOSPHATE
Other Names: N/A
Product Code: BOM5720
Product Use: 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: 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

GHS Signal word: NONE. Not hazardous.

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.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Conc. %	TWA (mg/m ³)	STEL (mg/m ³)
Calcium dihydrogen phosphate	7758-23-	< 100%	-	-
Calcium sulphate dihydrate (Gypsum)	10101-41-4	< 60%	-	-

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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 if there is pain, or difficulty with swallowing.

Advice to doctor: Treat symptomatically.

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 toxic gases by thermal decomposition (>280°C), yielding oxides of phosphorus and sulfur.

Hazchem Code: None allocated.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Methods and Materials for containment and clean up

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

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

Keep away from strong alkalis, chlorinating agents such as swimming pool chlorine and strong acids when transporting.

Conditions for safe storage, including any incompatibilities

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

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

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

National exposure standards:

No specific official limit. ACGIH recommended value for inhalable particulates is **10 mg/m³ (TLV/TWA)**.

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: Partly granulated material with wide particle size range.

Odour: No significant odour.

Boiling Point / Range: Not available.

Freezing / Melting Point: Not available.

% Volatiles: Not available.

Vapour Pressure: Does not exert significant vapour pressure.

Vapour Density: Not available.

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Bulk Density:	1.10 - 1.15 t/m ³
pH of 10% solution:	3.0 – 5.0.
Flammability:	Not flammable.
Flash point:	Not relevant.
Flammable (explosive) limits in air:	Not relevant.
Evaporation Rate:	Not available.
Solubility:	Not soluble in alcohol or acetone.
Ignition temperature:	Not available.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:

Reacts with alkalis, sodium hypochlorite, oxidizing agents and strong acids.
Mildly corrosive to aluminium, zinc, copper, brass, iron and galvanised steel.

Decomposition products

Not identified.

SECTION 11 - TOXICOLOGICAL INFORMATION

Health Effects:

Low toxicity. Use safe work practices to avoid eye or skin contact and dust inhalation.

There is no known effect from chronic exposure to the Super Phosphorus.

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:

Prolonged contact may cause some irritation, including redness and itching. No harmful effects from skin absorption have been recorded.

Eye:

May cause irritation, redness and pain following contact.

Swallowed:

Presents little toxicity, unless large amounts are ingested. Large amounts give rise to gastro-intestinal irritation, with symptoms such as nausea, vomiting, and diarrhoea.

TOXICITY DATA

Calcium dihydrogen phosphate (7758-23-8) LD50 (Ingestion): 15250 mg/kg (mouse)

SECTION 12 - ECOLOGICAL INFORMATION

Environment

It is not anticipated to cause any adverse effects to plants or animals.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal methods and containers

Dispose of on a farm, or authorised waste facility in accordance with statutory requirements.

Clean up personnel should vacuum or wet sweep to avoid dust dispersal.

Contact the manufacturer if additional information is required.

Legislation:

Dispose of in accordance with relevant local legislation.

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SECTION 14 - TRANSPORT INFORMATION

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).

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
LD50	Lethal Dose 50. The single dose of a substance that caused the death of 50% of an animal population from exposure to the substance by any route other than inhalation.
mg/m ³	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