

SAFETY DATA SHEET

PRODUCT NAME: SUPERPHOSPHATE

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Recommended use: Fertiliser
Supplier: Baileys Fertilisers
Address: 24 Beach St
Kwinana Beach
Western Australia 6167
Telephone: (08) 9439 1688 (Monday to Friday: 8.00am – 5.00pm)
Emergency Contact: Poisons Information Centre on 13 11 26
Facsimile: (08) 9439 1068
Email: baileys@baileysfertiliser.com.au
Website: baileysfertiliser.com.au

2. HAZARD IDENTIFICATION

- 1. GHS Classification:** Not classified as hazardous according to Australian Criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).
- 2. Signal Word:** N/A
- 3. Hazard Category(s):** N/A
- 4. Hazard Symbol:** N/A
- 5. Hazard Statement(s):** N/A
- 6. Precautionary Statements:** N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Superphosphate	8011-76-5	100%

4. FIRST AID MEASURES

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.

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 or a doctor.

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

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

First aid facilities: A safety shower should be available.

Medical Attention and Special Treatment: Treat symptomatically. See section 11 for more detailed information on health effects and symptoms.

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5. FIRE FIGHTING MEASURES

Flammability:	Non-flammable.
Extinguishing Media:	Use an extinguishing agent suitable for the surrounding fire.
Fire/Explosion Hazard:	May evolve toxic gases (phosphorus / sulphur oxides) when heated to decomposition. No fire or explosion hazard exists. Toxic gases may be evolved in a fire situation.
Personal Protection:	Wear self-contained breathing apparatus (SCBA) in combination with normal fire fighting clothing (full fire kit).
Hazchem Code:	None allocated.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures:** Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Ventilate area where possible.
- Environmental precautions:** Prevent product from entering drains and watercourses.
- Methods of cleaning up:** Contain spillage, then collect and place in suitable containers for disposal. Avoid generating dust.
- Reference to other sections:** See sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

- Precautions for safe handling:** Before use, carefully read the product label. Use of safe working practices are recommended to avoid eye or skin contact and inhalation. Observe good person hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.
- Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well ventilated area, removed from moisture, incompatible substances and foodstuffs. Ensure packages are adequately labelled, protected from physical damage and sealed when not in use. Do not allow to come in contact with water, either from rain, condensation or the surface on which stored. Bagged fertilisers should be stored under cover and out of direct sunlight (which degrades woven polypropylene packs). If stored in the open, do so for short periods only, and cover with tarpaulin. If stacking is necessary, bulk bags should be stored in a stable manner, preferably in a pyramidal style. Bulk bags should not be stacked more than two high for bags containing 1000 kg or more, or more than four high for bags containing up to 500 kg. High stacking should be avoided as pressure promotes caking. Store away from farm chemicals e.g. insecticides, fungicides and herbicides.
- Specific end use(s):** No information provided.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

- Exposure standards:** No exposure standards have been entered for this product.
- Biological limits:** No biological limit values have been entered for this product.

Exposure controls

- Engineering controls:** Avoid inhalation. Use in well ventilated areas. Use appropriate safe working procedures to reduce the potential for an inhalation hazard.
- PPE:** **Eye / Face** Not required under normal conditions of use.

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Hands With prolonged use, wear PVC or rubber gloves.
Body Not required under normal conditions of use.
Respiratory Where an inhalation risk exists, wear a respirator of type P1 (Particulate).



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey to brown solid
Odour	Slight acidic odour
Flammability	Non flammable
Flash Point	Not relevant
Boiling Point	Not available
Melting Point	Not available
Evaporation Rate	Not available
pH	Not available
Vapour density	Not available
Density	Approx. 1.1 kg/L
Solubility (water)	Soluble in water
Vapour pressure	Not available
Upper explosion limit	Not relevant
Lower explosion limit	Not relevant
Partition coefficient	Not available
Autoignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available
Odour threshold	Not available

10. STABILITY AND REACTIVITY

Reactivity:	Carefully review all information provided in sections 10.2 to 10.6
Chemical stability:	Stable under recommended conditions of storage.
Possibility of hazardous reactions:	Polymerization is not expected to occur.
Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources.
Incompatible materials:	Incompatible with oxidising agents and acids.
Hazardous decomposition products:	May evolve toxic gases (phosphorus / sulphur oxides) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Low toxicity. Use safe work practices to avoid eye or skin contact and inhalation. Chronic effects are not anticipated.

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Ingestion:	Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.
Skin:	Non – low irritant. Prolonged or repeated contact may result in mild irritation. Some individuals may experience allergic reaction.
Eye:	Low to moderate irritant. Contact may result in mild irritation, lacrimation and redness.
Inhalation:	Low irritant. Over exposure may result in irritation of the nose and throat, with coughing.
Toxicological Data:	SUPERPHOSPHATE (8011-76-5) LD50 (oral) 5 g/kg (goat / sheep)

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Low toxicity to aquatic organisms.
Persistence and degradability:	Phosphates are converted into calcium and iron / aluminium phosphates or are incorporated into the soil organic matter.
Bioaccumulative potential:	This product does not bioaccumulate.
Mobility in soil:	No information available.
Other adverse effects:	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal:	Collect without generating dust. Dispose of in accordance with local regulations, to an approved landfill site. Do not incinerate. Since emptied containers may retain product residues, follow label warning even after container is emptied.
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14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG or IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG)	AIR TRANSPORT (IATA / ICAO)
UN Number	None allocated.	None allocated.	None allocated.
Proper Shipping Name	None allocated.	None allocated.	None allocated.
Transport Hazard Class	None allocated.	None allocated.	None allocated.
Packing Group	None allocated.	None allocated.	None allocated.
Hazchem Code	None allocated.	None allocated.	None allocated.

15. REGULATORY INFORMATION

Poison schedule	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Classifications	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substance [NOHSC: 1008(2004)].
AICS	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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16. OTHER INFORMATION

Disclaimer

This document has been prepared by Baileys Fertilisers and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue.

While Baileys Fertilisers has taken all due care to include accurate and up to date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Baileys Fertilisers accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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Revision

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Date

17/05/2019

End of SDS