

SAFETY DATA SHEET

PRODUCT NAME: **3:1:1 GRANULATED; and**
 3:1:1 GRANULATED + GROSORB; and
 3:1:1 PLUS (MINI GRANULATED + GROSORB)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Other Name(s): None
Recommended use: Fully granulated Fertiliser
Supplier: Baileys Fertilisers
Address: 24 Beach St
 Kwinana
 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: Hazardous according to Australian Criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

2. Signal Word: **WARNING**

3. Hazard Symbol:



4. Hazard Statements: H315 Causes skin irritation.
 H335 May cause respiratory irritation.

5. Precautionary Statements:

Prevention: P265 Wash thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P261 Avoid breathing dust.
 P271 Use only outdoors or in a well ventilated area.

Response: P312 Call a POISON CENTRE or doctor/physician if you feel unwell.
 P362 Take off contaminated clothing and wash before reuse.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P304+P340 IF INHALED: 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.

Storage: P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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Disposal: P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Ammonium sulphate	7783-20-2	55 – 60
Manganese sulphate	7785-87-7	1 – 5
Iron sulphate monohydrate	1735-41-6	1 – 5
Talc	14807-96-6	0 – 1
Non-hazardous materials	N/A	Remainder

4. FIRST AID MEASURES

Eye Contact: Irrigate immediately with cold running water and if irritation persists, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact: Wash with soap and water. Seek medical attention in event of irritation.

Inhalation: Remove from exposure and if irritation persists, seek medical attention.

Ingestion: Rinse and wash mouth with water. Seek medical attention if abdominal symptoms occur. Poison Information Centres (13 11 26) in each state's capital city can provide additional assistance.

First Aid Treatment and note to physician: Treat symptomatically. Skin abrasions and sores may be aggravated by exposure. Inhalation of dust may aggravate asthma.

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable product.

Extinguishing Media: Water spray or dry powder, foam and carbon dioxide extinguisher. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.

Fire/Explosion Hazard: Non-combustible solid.

Hazchem Code: Not available.

6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Wear suitable protective clothing and personal protection. Carefully sweep up and shovel into suitable containers for reuse/recycle or disposal.

7. HANDLING AND STORAGE

Handling: Use as instructed, ensuring safe work practices are followed that avoid eye or skin contact, or inhalation.

Storage and Transport: Store in a cool, dry well-ventilated area, away from alkaline materials.

Other information: Product is hygroscopic. Contact with moisture is likely to cause handling and corrosion problems.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standard: 10 mg/m³ nuisance dust.

Engineering Controls: Ensure adequate natural ventilation, and manage dust levels.

Personal Protection: Wear gloves, safety boots, protective clothing and safety glasses with side shields. In dusty conditions, use a respirator of class P1 or P2 for nuisance dust.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Greyish-cream spherical granules.
Bulk Density:	Approximately 800 kg/m ³ .
Odour:	Minimal odour.
pH:	Not applicable.
Boiling Point:	Not applicable.
Melting Point:	Not available.
Vapour pressure:	Negligible at ambient temperatures.
Flash point:	Non-flammable.
Flammability limits:	Non-flammable.
Solubility in water:	Reasonably soluble in water.
Other:	None.

10. STABILITY AND REACTIVITY

Chemical Stability:	Material is stable under normal storage and handling conditions.
Conditions to avoid:	Extreme heat.
Incompatible materials:	Oxidizing agents, and alkaline products.
Decomposition products:	May evolve toxic nitrogen oxides, and ammonia.
Hazardous reactions:	Hazardous polymerization reactions will not occur.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is handled in accordance with this SDS and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Swallowing may result in irritation of the gastrointestinal tract.
Eye contact:	Exposure to the spray aerosols may cause discomfort due to particulate nature. May cause physical irritation to the eyes.
Skin contact:	Repeated or prolonged skin contact may lead to irritation.
Inhalation:	Breathing in dust may result in respiratory irritation.
Sensitization hazard:	Not classified as a skin sensitizer.
Long Term Effects:	No information available for the product.
Carcinogenicity:	Not classified as a carcinogen.
Mutagenic Data:	Not classified as a mutagen.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Avoid contaminating waterways, as these nutrients in water sources may cause excessive algal growth.
Persistence and degradability:	This product is a fertiliser and will react in the soil as such.
Mobility:	Fertiliser nutrients are soluble and will leach in soil, and dissolve/disperse in water.

13. DISPOSAL CONSIDERATIONS

Disposal:	Dispose of in accordance with local regulations, to an approved landfill site. Do not incinerate.
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14. TRANSPORT INFORMATION

UN Number:	N/A	UN Proper Shipping Name:	N/A	Class and Subsidiary Risk(s):	N/A
Packing Group:	N/A	Special precautions for user:	None	Hazchem code:	N/A

15. REGULATORY INFORMATION

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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 3

Date 11/10/2017

End of SDS