

SAFETY DATA SHEET

PRODUCT NAME: **3–1–1 BLEND; and**
 3–1–1 BLEND + GROSORB

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Other Name(s): 3–1–1
Recommended use: Blended Fertiliser
Manufacturer: Baileys Fertilisers
Address: 24 Beach St
 Kwinana Beach WA 6167
Telephone: (08) 9439 1688 (Monday to Friday: 8.00am – 5.00pm)
Emergency Contact: Poisons Information Centre on 13 11 26
Fax: (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/fume/gas/mist/vapours/spray.
 P271 Use only outdoors or in a well ventilated area.

Response: P301 + P312 IF SWALLOWED: Call a POISON CENTRE/ doctor if you feel unwell.
 P305 + P338 + P351 IF IN EYES: Remove contact lenses if present and easy to do. Continue rinsing.
 Rinse cautiously with water for several minutes.
 P337 + P313 If eye irritation persists: Get medical advice/attention.
 P302 + P352 IF ON SKIN: Wash with plenty of water.

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

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

SAFETY DATA SHEET

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Ammonium sulphate	7783-20-2	60 – 65
Manganese sulphate	10034-96-5	1 – 5
Iron sulphate	17375-41-6	1 – 5
Attapulgate	12174-11-7	0 – 10
Non-hazardous ingredients	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: Carefully sweep up and shovel into suitable containers for reuse/recycle or disposal at an approved waste disposal site. Wear suitable protective clothing and personal protection.

7. HANDLING AND STORAGE

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

Storage: 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

National Exposure Standard: Time Weighted Average (TWA): 10 mg/m³
Short Term Exposure Limits (STEL): Not set.

Biological Limit Values: No biological limit allocated.

Engineering Controls: Use only in a well ventilated area and manage dust levels.

Personal Protective Equipment: Wear gloves, safety boots, protective clothing and safety glasses with side shields. In dusty conditions use a respirator of class P1.

SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White crystalline granules with red and brown particles
Bulk Density:	Approx. 1,200 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:	Mostly soluble in water.

10. STABILITY AND REACTIVITY

Chemical Stability:	Material is stable under normal storage and handling conditions.
Conditions to avoid:	Extreme heat.
Incompatible materials:	Incompatible with 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.
------------------	---

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

SAFETY DATA SHEET

15. REGULATORY INFORMATION

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

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.

As the use of the products described in this document is outside the control of Baileys Fertilisers, we make no representation or warranty concerning the suitability or fitness of this product for any purpose. It is your sole responsibility to ensure that the product will have the qualities and attributes that will make them fit for any ordinary or special purpose required of them, even if that purpose is made known to us at any time. This includes responsibility on your part to conduct in a timely manner all appropriate tests and quality checks on the product and any goods made from them. We disclaim any liability if any products are not suitable or fit for any such purpose.

Revision 3
Date 06/12/2017
End of SDS