

SAFETY DATA SHEET

PRODUCT NAME: **TRISTAR**
TRISTAR + GROSORB

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Other Name(s): Tristar Granulated, Tristar Mini, Tristar Mini + Grosorb
Recommended use: Granulated 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:** Hazardous according to Australian Criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).
- 2. Signal Word:** **Warning**
- 3. Hazard Category:** Skin Irritation Category 3
Chronic Aquatic Toxicity Category 3
Acute Aquatic Toxicity Category 3
- 3. Hazard Symbol:** None applicable.
- 4. Hazard Statement:** H316 Causes mild skin irritation.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.
- 6. Precautionary Statements:**
- Prevention: P261 Avoid breathing dust.
P264 Wash hands and skin thoroughly after handling.
P280 Wear protective gloves.
- Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P312 Call a Poison Centre or doctor / physician if you feel unwell.
P332 + P313 If skin irritation: Get medical advice / attention.
- Storage: N/A
- Disposal: P501 Dispose of contents/container in accordance with local or national regulations.

SAFETY DATA SHEET

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Ammonium sulphate*	7783-20-2	35 - 45
Iron Sulphate	7720-78-7	1 - 5
Non-hazardous materials	N/A	Remainder

*Note: Ammonium sulphate contains the following impurities at levels in the finished product that contribute to hazard classification:

Chemical Name	CAS Number	Contents % w/w
Cobalt Sulphate	10124-43-3	< 0.05
Nickel Sulphate	7786-81-4	< 0.04

4. FIRST AID MEASURES

Eye Contact: Irrigate immediately with cold running water and if irritation persists, seek medical attention. Remove contact lenses, if present and easy to do.

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 (131126) 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, including a dust mask or respirator if dust is likely to be created. Prevent from entering waterways or other aquatic environments if possible. 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: 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.

SAFETY DATA SHEET

Engineering Controls: Ensure adequate natural ventilation, and manage dust levels.
Personal Protection: Wear gloves. When dust is likely to be generated, use a dust mask.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light brown to beige spherical granules.
Odour: Mild odour.
Odour Threshold: Not applicable.
pH: Not applicable.
Bulk Density 0.8 – 1.0 kg/L
Melting / Freezing Point: Not applicable.
Boiling Point: Not applicable.
Melting Point: Not available.
Flash Point: Non-flammable.
Evaporation Rate: Not applicable.
Flammability limits: Non-flammable.
Vapour pressure: Negligible at ambient temperatures.
Solubility in water: Moderately soluble in water.

10. STABILITY AND REACTIVITY

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 gases such as nitrogen oxides, sulphur 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 dust 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.
Sensitisation hazard: Not classified as a sensitiser.
Long Term Effects: No information available for the product.
Carcinogenicity: Not classified as a carcinogen.
Mutagenic Data: Not classified as a mutagen.

SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways, product contains components that cause acute and chronic toxicity in aquatic environments. 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

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 4
Date 21/06/2019
End of SDS