

SAFETY DATA SHEET

PRODUCT NAME: BRILLIANCE; BRILLIANCE BLEND PLUS GROSORB™

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Other Name(s): Brilliance Blend
Recommended use: Blended 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 Categories: Skin Irritation Category 3
Eye Irritation Category 2B
Acute Toxicity Category 4
Acute Aquatic Toxicity Category 3
Chronic Aquatic Toxicity Category 3

4. Hazard Symbol:



5. Hazard Statement(s): H303 May be harmful if swallowed
H316 Causes mild skin irritation
H320 Causes eye irritation.
H335 May cause respiratory irritation
H402 Harmful to aquatic life
H412 Harmful to aquatic life with long lasting effects

6. Precautionary Statements:

Prevention: P261 Avoid breathing dust
P272 Contaminated work clothing should not be allowed out of the workplace
P280 Wear protective gloves

Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water
P333 + P313 If irritation or rash occurs: Get medical advice / attention
P321 Specific treatment – see First Aid instructions

SAFETY DATA SHEET

P363 Wash contaminated clothing before reuse

Storage: None allocated

Disposal: P501 Dispose of contents/container in accordance with local or national regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Attapulgite	12174-11-7	1 – 10
Iron Sulphate	7720-78-7	1 – 10
Manganese Sulphate	7785-87-7	1 – 10
Non-hazardous materials	N/A	Remainder

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. Seek medical attention if irritation occurs.

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: Eye wash facilities should be available.

Medical Attention and Special Treatment: Treat symptomatically. Skin abrasions and sores may be aggravated by exposure.

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable. May evolve toxic gases if strongly heated. May evolve sulphur oxides or ammonia when heated to decomposition.

Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Fire/Explosion Hazard: No fire or explosion hazard exists.

Hazchem Code: Not available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

Environmental precautions: Prevent product from entering drains and waterways.

Methods of cleaning up: Contain spillage, collect and place in suitable containers for disposal.

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 work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing of hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

SAFETY DATA SHEET

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well ventilated area, removed from incompatible substances.

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: Use in well ventilated areas.

PPE:

Eye / Face	Wear safety glasses.
Hands	Wear gloves.
Body	Wear suitable clothing.
Respiratory	When using large quantities, a dust mask of type P2 or P3 may be required.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Multi-coloured, white and red granules.
Odour	Mild odour
Flammability	Non flammable
Flash Point	Not relevant
Boiling Point	Not available
Melting Point	Not available
Evaporation Rate	Not available
pH	Not applicable
Vapour density	Not available
Density	Not applicable
Solubility (water)	Not available
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

SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

- Reactivity:** Carefully review all information provided in sections below.
- 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 strongly hygroscopic materials.
- Hazardous decomposition products:** May evolve sulphur oxides or ammonia when heated to decomposition.

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:

- Acute toxicity:** Based on available data, the classification criteria are not met.
- Skin:** Contact may result in irritation, redness and dermatitis.
- Eye:** Contact may result in irritation, lacrimation and redness.
- Sensitisation:** Not classified as a sensitising agent.
- Mutagenicity:** Not classified as a mutagen.
- Carcinogenicity:** Not classified as a carcinogen.
- Reproductive:** Not classified as a reproductive toxin.
- STOT – single exposure:** Over exposure may result in irritation of the nose and throat, with coughing.
- STOT – repeated exposure:** Not classified as causing organ damage from repeated exposure.
- Aspiration:** Not classified as causing aspiration.

12. ECOLOGICAL INFORMATION

- Toxicity:** No information provided.
- Persistence and degradability:** No information provided.
- Bioaccumulative potential:** No information provided.
- Mobility in soil:** No information provided.
- Other adverse effects:** Plant nutrients may be beneficial to plants at low levels, however high levels may cause reduced growth or burns in sensitive species. Excess could be washed through soil to waterways. Nutrients released to waterways may cause algal blooms, with potential for toxic effects on aquatic organisms.

13. DISPOSAL CONSIDERATIONS

- Disposal:** Dispose of in accordance with local regulations, to an approved landfill site. Do not incinerate.

14. TRANSPORT INFORMATION

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

SAFETY DATA SHEET

	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.

Environmental hazards No information provided.

Special precautions for user

Hazchem code 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).

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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End of SDS