BAILEYS FERTILISERS
AKC Pty Ltd trading as
A.B.N: 30 008 747 911

SAFETY DATA SHEET

PRODUCT NAME: **TURFECT RAPID GREEN**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Other Name(s): None.
Recommended use: Liquid 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 Category: Acute Toxicity Category 4
Skin Irritation Category 2
Chronic Aquatic Toxicity Category 3
Acute Aquatic Toxicity Category 3

3. Hazard Symbol:



4. Hazard Statement: H302 Harmful if swallowed.
H315 Causes skin irritation.
H320 Causes eye irritation.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

6. Precautionary Statements:

Prevention: P264 Wash hands and skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves / protective clothing / eye protection.

Response: P301 + P312 IF SWALLOWED: Call a POISON CENTRE or doctor / physician if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P330 Rinse mouth.
P332 + P313 If skin irritation occurs: Get medical advice / attention.
P362 Take off contaminated clothing and wash before reuse.

P321 Specific treatment required (see First Aid Instructions in this SDS).

Storage: N/A

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % $^{w}/_{w}$
Iron Sulphate	7720-78-7	5 – 20
Manganese Sulphate	7785–87–7	0 - 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. 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 1126 (Australia Wide) or a doctor (at once).

First aid facilities: Eye wash facilities and safety shower 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 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, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), 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.

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 splash-proof goggles.
Hands	Wear PVC or rubber gloves.
Body	When using large quantities or where heavy contamination is likely, wear coveralls.
Respiratory	Not required under normal conditions of use.





9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green / brown liquid
Odour	Mild odour
Flammability	Non flammable
Flash Point	Not relevant
Boiling Point	Not available
Melting Point	Not available
Evaporation Rate	Not available
pH	2.3 – 3.0 (5% solution)
Vapour density	Not available
Density	1.1 – 1.3 kg/L
Solubility (water)	Soluble
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 combustible materials, and reducing agents (e.g. sulphites).

Hazardous decomposition products: May evolve toxic sulphur oxides 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: Irritating to the skin. Contact may result in irritation, redness, pain, rash and dermatitis.

Eye: Irritating to the eyes. Contact may results in irritation, lacrimation, pain and redness.

Sensitisation: Not classified as causing skin or respiratory sensitisation.

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 may 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

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	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 (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.

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End of SDS