

# **SAFETY DATA SHEET**

**PRODUCT NAME: VITAPLANT TURF**

## **1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Other Name(s):** None  
**Recommended use:** Liquid 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
- 4. Hazard Symbol:** None
- 5. Hazard Statement:** H316 Causes mild skin irritation  
H412 Harmful to aquatic life with long lasting effects

### **6. Precautionary Statements:**

- Prevention:** P265 Wash thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.
- Response:** P312 Call a POISON CENTRE or doctor 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 + P338 + P351 IF IN EYES: Remove contact lenses if present and easy to do. Continue rinsing.  
Rinse cautiously with water for several minutes.
- 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.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name           | CAS Number | Contents % w/w |
|-------------------------|------------|----------------|
| Iron Sulphate           | 7720-78-7  | 0 – 5          |
| Manganese Sulphate      | 7785-87-7  | 0 – 5          |
| 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 of 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 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 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

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|                              |                                                                                                                                                                                                                                                               |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Exposure standards:</b>   | No exposure standards have been entered for this product.                                                                                                                                                                                                     |
| <b>Biological limits:</b>    | No biological limit values have been entered for this product.                                                                                                                                                                                                |
| <b>Exposure controls</b>     |                                                                                                                                                                                                                                                               |
| <b>Engineering controls:</b> | Use in well ventilated areas.                                                                                                                                                                                                                                 |
| <b>PPE:</b>                  | <b>Eye / Face</b> Wear splash-proof goggles.<br><b>Hands</b> Wear PVC or rubber gloves.<br><b>Body</b> When using large quantities or where heavy contamination is likely, wear coveralls.<br><b>Respiratory</b> Not required under normal conditions of use. |



### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                  |                         |
|----------------------------------|-------------------------|
| <b>Appearance</b>                | Brown liquid            |
| <b>Odour</b>                     | Mild odour              |
| <b>Flammability</b>              | Non flammable           |
| <b>Flash Point</b>               | Not relevant            |
| <b>Boiling Point</b>             | Not available           |
| <b>Melting Point</b>             | Not available           |
| <b>Evaporation Rate</b>          | Not available           |
| <b>pH</b>                        | 2.0 – 2.4 (5% solution) |
| <b>Vapour density</b>            | Not available           |
| <b>Density</b>                   | 1.18 – 1.22 kg/L        |
| <b>Solubility (water)</b>        | Soluble                 |
| <b>Vapour pressure</b>           | Not available           |
| <b>Upper explosion limit</b>     | Not relevant            |
| <b>Lower explosion limit</b>     | Not relevant            |
| <b>Partition coefficient</b>     | Not available           |
| <b>Autoignition temperature</b>  | Not available           |
| <b>Decomposition temperature</b> | Not available           |
| <b>Viscosity</b>                 | Not available           |
| <b>Explosive properties</b>      | Not available           |
| <b>Oxidising properties</b>      | Not available           |
| <b>Odour threshold</b>           | Not available           |

### 10. STABILITY AND REACTIVITY

|                                            |                                                                  |
|--------------------------------------------|------------------------------------------------------------------|
| <b>Reactivity:</b>                         | Carefully review all information provided in the below sections. |
| <b>Chemical stability:</b>                 | Stable under recommended conditions of storage.                  |
| <b>Possibility of hazardous reactions:</b> | Polymerization is not expected to occur.                         |
| <b>Conditions to avoid:</b>                | Avoid heat, sparks, open flames and other ignition sources.      |

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**Incompatible materials:** Incompatible with combustible materials, and reducing agents (e.g. sulphites).

**Hazardous decomposition products:** May evolve nitrogen 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.  
**Bio accumulative 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

|                        | LAND TRANSPORT<br>(ADG) | SEA TRANSPORT<br>(IMDG) | AIR TRANSPORT<br>(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.                |

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**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.

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**Issue** 3  
**Date** 31/01/2019  
**End of SDS**