

## SAFETY DATA SHEET

**PRODUCT NAME: BIO-CHAR BOOST**

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Other Name(s):** N/A  
**Recommended use:** Liquid soil conditioner  
**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 2  
Eye Irritation – Category 2

**4. Hazard Symbol:**



**5. Hazard Statements:** H315: Causes Skin Irritation  
H319: Causes eye irritation.

**6. Precautionary Statements:**

Prevention: P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves / protective clothing / eye protection.

Response: P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

Storage: N/A

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

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Phosphoric acid	7664-38-2	1-10%
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 water. Use soap if available. Seek medical attention in event of irritation.

**Inhalation:** Remove from exposure and if irritation persists, seek medical attention.

**Ingestion:** **DO NOT INDUCE VOMITING.** Rinse and wash mouth with water. Seek medical attention if abdominal symptoms occur. Poison Information Centres (13 11 26) can provide additional assistance.

**First Aid Treatment and note to physician:** Treat symptomatically. Skin abrasions and sores may be aggravated by exposure.

### 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:** None known.

**Hazchem Code:** Not available.

### 6. ACCIDENTAL RELEASE MEASURES

**Spills and Disposal:** Wear suitable protective clothing and personal protection. Carefully mop up with absorbent 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 contact, or inhalation.

**Storage:** Store in a cool, dry well-ventilated area.

**Other information:** Product causes foaming when mixed with water.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Standard:** Australian Exposure Standards

Ingredient	Material name	TWA	STEL	Peak
Phosphoric Acid	Phosphoric Acid	1mg/m <sup>3</sup>	3mg/m <sup>3</sup>	Not Available

**Engineering Controls:** Ensure adequate natural ventilation.

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**Personal Protection:** Gloves and eye protection are required.



### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark black, opaque viscous liquid
<b>Bulk Density:</b>	1000 - 1100 kg/m <sup>3</sup> .
<b>Odour:</b>	Characteristic odour.
<b>pH:</b>	5 - 7.
<b>Boiling Point:</b>	Not available.
<b>Melting Point:</b>	Not available.
<b>Vapour pressure:</b>	Negligible at ambient temperatures.
<b>Flash point:</b>	Non-flammable.
<b>Flammability limits:</b>	Non-flammable.
<b>Solubility in water:</b>	Partly Miscible.
<b>Other:</b>	None.

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Material is stable under normal storage and handling conditions.
<b>Conditions to avoid:</b>	Extreme heat.
<b>Incompatible materials:</b>	Incompatible with copper, oxidizing agents, strong acids and strong bases.
<b>Decomposition products:</b>	May evolve toxic gases.
<b>Hazardous reactions:</b>	Nil

### 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:

<b>Ingestion:</b>	Swallowing may result in irritation of the gastrointestinal tract.
<b>Eye contact:</b>	Eye contact may result in irritation, seek medical assistance if irritation occurs.
<b>Skin contact:</b>	Repeated or prolonged skin contact may lead to irritation.
<b>Inhalation:</b>	Breathing in mist may result in respiratory irritation.
<b>Sensitization hazard:</b>	Not classified as a skin sensitizer.
<b>Long Term Effects:</b>	No long term effects known for this product.
<b>Carcinogenicity:</b>	Not classified as a carcinogen.
<b>Mutagenic Data:</b>	Not classified as a mutagen.

### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Avoid contaminating waterways.
<b>Persistence and degradability:</b>	This product contains a wetting agent and will react in the soil as such.
<b>Mobility:</b>	This product contains a wetting agent and will dissolve and disperse in water.

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### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

<b>UN Number:</b>	N/A	<b>UN Proper Shipping Name:</b>	N/A	<b>Class and Subsidiary Risk(s):</b>	N/A
<b>Packing Group:</b>	N/A	<b>Special precautions for user:</b>	None	<b>Hazchem code:</b>	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.

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**Date** 2/12/2025

**End of SDS**