

## **SAFETY DATA SHEET**

**PRODUCT NAME: BLOOD AND BONE MIX**

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

**Other Name(s):** Blood 'n Bone.  
**Recommended use:** Fertiliser.  
**Supplier:** Baileys Fertilisers.  
**Address:** PO Box 261  
Rockingham  
Western Australia 6968  
**Telephone:** (08) 9439 1688 (Monday to Friday: 8.00am – 5.00pm)  
**Emergency Contact:** W.A. Poisons Information Centre on 131126  
**Facsimile:** (08) 9439 1068  
**Email:** baileys@baileysfertiliser.com.au  
**Website:** baileysfertiliser.com.au

### **2. HAZARD IDENTIFICATION**

- 1. GHS Classification:** Not hazardous according to Australian criteria of the Globally Harmonised System of classification and labelling of chemicals (GHS).
- 2. Signal Word:** None.
- 3. Hazard Symbol:** None.
- 4. Hazard Categories:** H320 Causes eye irritation.  
H335 May cause respiratory irritation.
- 5. Hazard Statement:** P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- 6. Precautionary Statements:**
- Prevention: P261 Avoid breathing dust/fume/gas/mist/vapours/spray  
P265 Wash thoroughly after handling.  
P271 Use only outdoors or in a well ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.
- Response: P301 + P312 IF SWALLOWED: Call a POISON CENTRE/ doctor if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P305 + P338 + P351 IF IN EYES: Remove contact lenses if present and easy to do.  
Continue rinsing. Rinse cautiously with water for several minutes.  
P337 + P313 If eye irritation persists: Get medical advice/attention.
- 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 and international regulations.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Meat meal	None allocated	35 – 40
Ammonium sulphate	7783–20–2	20 – 25
Potassium sulphate	7778–80–5	1 – 5
Iron sulphate monohydrate	1735–41–6	0 – 1
Black pigment	001317–61–9	0 – 1

### 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 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 applicable.

### 6. ACCIDENTAL RELEASE MEASURES

**Spills and Disposal:** Carefully sweep up and shovel into suitable containers for reuse/recycle or disposal at an approved waste disposal site. Wear suitable protective clothing and personal protection.

### 7. HANDLING AND STORAGE

**Handling:** Use as instructed, ensuring safe work practices are followed that avoid eye or skin contact, or inhalation. Spills may become slippery if left unattended.

**Storage:** Store in a cool, dry well-ventilated area, away from alkaline materials.

**Other information:** Product is somewhat hygroscopic. Contact with moisture is likely to cause handling and corrosion problems.

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### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>National Exposure Standard:</b>	Time Weighted Average (TWA): 10 mg/m <sup>3</sup> Short Term Exposure Limits (STEL): Not set.
<b>Biological Limit Values:</b>	No biological limit allocated.
<b>Engineering Controls:</b>	Use only in a well ventilated area and manage dust levels.
<b>Personal Protective Equipment:</b>	Wear gloves, safety boots, protective clothing and safety glasses with side shields. In dusty conditions use a respirator of class P1.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Coarse brown powder with whitish chips.
<b>Bulk Density:</b>	Approximately 1.0g/cm <sup>3</sup> .
<b>Odour:</b>	Minimal odour.
<b>pH:</b>	Not applicable.
<b>Boiling Point:</b>	Not applicable.
<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>	Slightly soluble in water.
<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 oxidizing agents, and alkaline products.
<b>Decomposition products:</b>	May evolve toxic nitrogen oxides, and ammonia.
<b>Hazardous reactions:</b>	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:

<b>Ingestion:</b>	Swallowing may result in irritation of the gastrointestinal tract.
<b>Eye contact:</b>	Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.
<b>Skin contact:</b>	Repeated or prolonged skin contact may lead to irritation.
<b>Inhalation:</b>	Breathing in dust may result in respiratory irritation.
<b>Sensitization hazard:</b>	Not classified as a skin sensitizer.
<b>Long Term Effects:</b>	No information available for the product.
<b>Carcinogenicity:</b>	Not classified as a carcinogen.
<b>Mutagenic Data:</b>	Not classified as a mutagen.

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### **12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** Avoid contaminating waterways, as these 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 product and packaging 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 (ACIS).

### **16. OTHER INFORMATION**

*Baileys Fertilisers has taken all due care to provide accurate and up-to-date information but does not provide a warranty concerning this information. It is the users' responsibility to assess the circumstances of use and assess the risks in any given situation.*