



MATERIAL SAFETY DATA SHEET

ISSUE DATE: 1 March 2013

IDENTIFICATION

PRODUCT: BLOOD & BONE

Non Hazardous substance. Non-Dangerous Goods

PRODUCT DETAILS

Product Name:	BLOOD & BONE
Other Names:	As Above
UN Number:	Not allocated
Hazchem Code:	Not allocated
Dangerous Goods Class:	Not allocated
Poison Schedule:	Not allocated
Use:	Landscaping and general horticultural purpose

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Course brown powder with some mineral particles visible
Odour:	Nonspecific "Earthy" odour
Boiling Point:	Not applicable
Melting Point:	Not applicable
Vapour Pressure:	Not applicable
Flashpoint:	Not applicable
PH:	Not available

CONTACT DETAILS

Supplier Name:	Martins Fertilizers
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HEALTH WARNING

- This product contains meat meal and may also contain mineral and fertiliser additives.
- Avoid breathing dust or mists – wear particulate mask if dusty
- Wear gloves and keep product moist when handling
- Wash hands immediately after use
- Read detailed health warning

HEALTH HAZARD INFORMATION

Acute Health Effects

Swallowed: Unlikely under normal conditions. Ingesting large amounts blood & bone may cause irritation with gastrointestinal system with symptoms such as nausea, vomiting and diarrhea, irregular heartbeat and hypertension.

Eye: Mild Irritant. The dust may be irritating to the eyes resulting in redness and watering, or eye infection.

Skin: Mild Irritant. Skin contact with these products and their dusts may result in skin irritation and in some people may lead to skin sensitisation, dermatitis or skin infection.

Inhaled: Inhalation of dust may irritate, inflame or sensitise the nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis

Chronic health effects

Repeated inhalation of dust from these products may result in respiratory irritation, inflammation or sensitisation resulting in illnesses including hay fever.

FIRST AID

Swallowed: Wash out mouth immediately and give water or milk to drink. DO NOT induce vomiting. Seek medical attention if any abdominal symptoms.

Eye: Flush eyes thoroughly for 15 minutes with plenty of water. If irritation persists seek medical attention.

Skin: Remove all contaminated clothing; wash thoroughly with mild soap and water. If irritation persists seek medical attention.

Inhaled: Remove to fresh air, keep warm and at rest. If breathing is difficult give oxygen, seek medical attention in the event of an emergency

First-aid facilities: Eye wash station, running water, soap and sink.

Advice to Doctor: Treat symptomatically.

FIRE FIGHTING

Product Flammability:	Non-flammable
Type of extinguisher:	Water or Class A extinguisher
Hazards from combustion:	No information available
Hazchem Code:	Not applicable

PRECAUTIONS FOR USE

Exposure standards

Work safe Australia Exposure Standard: There is no specific exposure limits available (General dust recommended exposure standard should be less than 10 mg/m³).

Recommendation: Keep exposure to dust and/or mist (bioaerosols) from these products as low as practicable. When using product do not pile in heaps as pets may find this product attractive, whilst it is not poisonous it may cause some gastric discomfort

Engineering controls: All work with these products should be carried out in such a way as to avoid skin contact and minimise exposure to dust.

Respiratory protection: Avoid breathing dust. Wear an approved P1 or P2 respirator suitable for respirable particulates and conforming to AS/NZS 1715 and 1716 when exposed to dust. These Standards should be followed in the selection, fit-testing, use, storage and maintenance of the respirators.

Skin protection: Wear standard duty gloves (AS 2161), loose comfortable clothing, and boots. Long-sleeved shirts and long trousers and recommended if skin irritation occurs. Wash skin with mild soap and water immediately after working with these materials. Launder work clothes regularly.

HANDLING & STORAGE

Precautions for safe handling: Avoid contact with eyes and skin. Avoid breathing dust. Wash thoroughly immediately after handling. Wash work clothes regularly. Clean up by wet sweeping or vacuuming.

Conditions for safe storage: Store in a cool, dry, well-ventilated area. Keep away from food, drink and animal feeding stuffs. Keep product out of moisture and containers well-sealed. Keep product out of reach of children.

TRANSPORT

Precautions for Transportation: Trucks to use tarpaulin to cover the load (for bulk deliveries)

DISPOSAL

Disposal Methods: Wear PPE. Clean up by vacuuming or wet sweeping, avoid dust dispersal. Use product totally or collect in containers and dispose in accordance with local authority guidelines. Prevent discharge to water, soil and air.

ACCIDENTAL RELEASE

Emergency Procedures: Ensure adequate ventilation, avoid dust. Use personal protective equipment. Prevent product from entering drains or waterways. Do not contaminate surface water.

Containment & Cleanup: Vacuum, shovel or sweep up and collect in containers for disposal.

DETAILED HEATH WARNING

NON HAZARDOUS

BLOOD AND BONE AND OTHER ORGANIC GARDENING MATERIALS

This product contains meat meal and may also contain mineral and fertiliser additives.

RISK: Inhalation of dust and/or liquid mists may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hay fever or asthma, to pneumonia (eg Legionnaire's disease) or pneumonia-like illnesses. Direct contact with this material or its dust may cause skin irritation (dermatitis), and skin or eye infection or irritation. People particularly at risk are those suffering from asthma or allergies, and those whose immune defence systems are compromised.

SAFETY: Avoid contact with eyes and skin. Avoid breathing dust. Wear suitable protective clothing and standard duty gloves (AS 2161). If exposed to dust, also wear dust resistant eye protection (AS/NZS 1336) and particulate respirator (AS/NZS 1715 and 1716). Wash thoroughly immediately after handling. Wash work clothes regularly.

FIRST AID: Irrigate eyes with plenty of water for 10 minutes. Wash skin with soap and water. Seek medical attention for any persistent skin, eye or respiratory symptoms.

MANUFACTURER: Martins Fertilizers Pty Ltd

For Further information on this product contact Martins Fertilizers Pty Ltd.