

Safety Data Sheet



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **HORTICO BLOOD AND BONE BASED FERTILISER**

Recommended Use: All purpose organic fertiliser. When applying this product do not lay in heaps as dogs find the product attractive to eat. Whilst it is not poisonous it may cause some gastric irritation.

Supplier: Hortico, a Division of DuluxGroup (Australia) Pty Ltd
ABN: 67 000 049 427
Street Address: 1 Gow Street,
Padstow, NSW 2211
Australia
Telephone Number: +61 2 9781 8777
Facsimile: +61 2 9781 8825
Emergency Telephone: **1 800 033 111 (ALL HOURS)**

2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Poisons Schedule: None allocated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Blood, bone and meat meal	-	>60%	-
Chicken manure	-	10-<30%	-
Coarse sand	-	10-<30%	-
Additives	-	to 100%	-

4. FIRST AID MEASURES

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

Skin Contact:

If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

Eye Contact:

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion:

Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

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Medical attention and special treatment:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazards from combustion products:

Non-combustible material. Decomposes on heating emitting toxic fumes.

Suitable Extinguishing Media:

Not combustible, however, if material is involved in a fire use: Media applicable to surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up:

Contain - prevent run off into drains and waterways. Collect and seal in properly labelled containers.

7. HANDLING AND STORAGE

Conditions for safe storage:

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Keep containers closed when not in use - check regularly for spills.

Precautions for safe handling:

Keep out of reach of children. Avoid handling which leads to dust formation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for particulates:

Dusts not otherwise classified: 8hr TWA = 10 mg/m³

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment:

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Product Name: HORTICO BLOOD AND BONE BASED
FERTILISER

Substance No: 000000020615

Issued: 06/02/2012

Version: 3

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No special personal protective equipment required. Rubber gloves are recommended if handling often. Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Coarse and Fine Powder
Colour:	Brown
Odour:	Organic
Solubility:	Insoluble in water.
Specific Gravity:	Not available
Vapour Pressure (20 °C):	Nil
Flash Point (°C):	Not applicable
Melting Point/Range (°C):	Not available
Decomposition Point (°C):	Not available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Avoid contact with foodstuffs.
Incompatible materials:	None known.
Hazardous decomposition products:	Ammonia. Oxides of carbon. Oxides of nitrogen. Oxides of sulfur.
Hazardous reactions:	None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Swallowing can result in abdominal discomfort. There is an increased risk of gastrointestinal infections.
Eye contact:	Dust and/or liquid mist (bioaerosols) may irritate the eye resulting in redness and watering, or eye infection.
Skin contact:	Contact with skin may cause irritation and in some people may lead to skin sensitisation, dermatitis or skin infection.
Inhalation:	Inhalation of dust and/or liquid mists (bioaerosols) may irritate, inflame or sensitise the nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis.

Long Term Effects:

Repeated inhalation of dust and/or liquid mists (bioaerosols) may result in respiratory irritation, inflammation or sensitisation resulting in illnesses ranging from hayfever and asthma to pneumonia (eg. legionnaire's disease) and pneumonia like illnesses. The elderly, those with pre-existing respiratory diseases, and the immunocompromised are at particular risk from these illnesses. All people working regularly with these and other landscaping products should ensure that they are adequately protected against tetanus.

Toxicological Data: No LD50 data available for the product.

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12. ECOLOGICAL INFORMATION

Ecotoxicity Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to local government authority for disposal recommendations. Empty container completely, crush and dispose of safely with domestic rubbish.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Classification: Based on available information, not classified as hazardous according to criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Poisons Schedule: None allocated.

16. OTHER INFORMATION

Reason(s) for Issue:

Change in Formulation

This safety data sheet has been prepared by SDS Services.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since DuluxGroup Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their DuluxGroup representative or DuluxGroup Limited at the contact details on page 1.

DuluxGroup Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.