

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial product name:	J Arthur Bower's Bone Meal
Description	Sterilised bone meal is an organic plant food containing a high proportion of phosphorus to promote healthy root growth NPK: 3.5-17-0
Manufacturer	William Sinclair Horticulture Firth Road Lincoln LN6 7AH Tel: (01522) 537561 Fax: (01522) 780278

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation of active component: Sterilised bone meal

3. HAZARDS IDENTIFICATION

As a precaution, bone meal should not be spread where ruminant animals are grazing. Large bags should be lifted with care.

4. FIRST AID MEASURES

Skin contact:	Wash hands after use. Wash from cuts and abrasions with soap and water
Eye contact:	Immediately irrigate with plenty of clean water
Ingestion:	Rinse mouth and drink plenty of water.
Inhalation:	Move into fresh air

If symptoms persist seek medical advice.

5. FIREFIGHTING MEASURES

When the fertiliser **is not** directly involved in the fire use the best means available to control the fire.

Bone meal is essentially non-combustible. If exposed to intense heat, irritant fumes may be given off. Firefighters should wear an approved breathing mask.

6. ACCIDENTAL RELEASE MEASURES

Sweep up into suitable container and wash affected areas with water.

7. HANDLING AND STORAGE

Store in original packaging in a secure, well-ventilated, cool, but frost-free dry area, away from foodstuffs and herbicides. Keep away from children and pets.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment:	Not necessary
Respiratory protection:	Masks could be worn when prolonged use of this product in confined areas is anticipated
Hand protection:	Gloves should be worn when using this material.
Eye protection:	Goggles could be worn when prolonged use of this product in confined areas is anticipated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown/off-white coarse powder
Odour:	Organic
Solubility in water:	Insoluble

10. STABILITY AND REACTIVITY

Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

This product is regarded as of low toxicity
Ingestion of large quantities may cause abdominal pain, nausea, vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

No adverse environmental effects have been recorded.
Low toxicity to aquatic life

13. DISPOSAL CONSIDERATIONS

Dispose of safely in accordance with local and national regulations.

14. TRANSPORT INFORMATION

Classified as non-hazardous

15. REGULATORY INFORMATION

The Fertilisers Regulations 1991 and subsequent amendments.

DEFRA REGULATIONS

In accordance with the "Fertiliser" (Mammalian Meat and Bone Meal) Regulations 1996", this product is intended for use as a garden fertiliser only. Do not use or store where ruminant animals (cattle, sheep, goats or deer) have access.

16. OTHER INFORMATION

This safety data sheet provides health and safety information. The product is to be used in a way consistent with best horticultural practice. Individuals handling this product should be informed under COSHH of the recommended safety precautions and should have access to this information. The product information in this data sheet is to the best of our knowledge correct at the date of publication. William Sinclair Horticulture disclaims any liability for any loss or damage resulting from reliance on this information.

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