

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial product name:	J Arthur Bower's Garden Lime
Description:	Ground limestone for soil-conditioning and neutralising excess acidity
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: Calcium carbonate

3. HAZARDS IDENTIFICATION

Dust is the main hazard.
Large bags should be lifted with care

4. FIRST AID MEASURES

Skin contact:	Wash skin thoroughly with soap and water
Eye contact:	May cause irritation. Immediately flood the eye with plenty of water for at least 10 minutes.
Ingestion:	May cause soreness. Wash out mouth with water
Inhalation:	Move into fresh air.

If symptoms persist seek medical advice.

5. FIREFIGHTING MEASURES

This product is non-combustible
Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

6. ACCIDENTAL RELEASE MEASURES

Sweep or vacuum up and collect for recovery or disposal. Avoid creating a dust by dampening down with water if possible.

7. HANDLING AND STORAGE

Avoid excessive generation of dust. Avoid unnecessary exposure to the atmosphere to avoid moisture pick-up.

Store in a cool, dry place away from children and pets. Avoid exposure to water as material is hygroscopic and liable to cake when damp.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational Exposure Limits

No specific official limits.

ACGIH recommended value (1995-1996) for inhalable particulate: TLV/TWA 10mg/m³

8.2 Precautionary and engineering measures

Avoid high dust concentration and provide ventilation where necessary

8.3 Personal Protection

Wear suitable gloves when handling the product over long periods. Use approved dust

Respirators if airborne concentrations are high. Wash hands after handling the product and observe good hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light brown coarse powder or granules

Odour: Odourless

Solubility in water: Partially soluble

10. STABILITY AND REACTIVITY

Avoid acid materials

11. TOXICOLOGICAL INFORMATION

No specific hazards identified

12. ECOLOGICAL INFORMATION

No adverse environmental effects have been recorded.

Mobility: The product is non-volatile and will persist in the ground

Persistence/Degradability: Biodegradable over time

13. DISPOSAL CONSIDERATIONS

Dispose of safely in accordance with local and national regulations

14. TRANSPORT INFORMATION

UN Classification. Classified as non-hazardous.

15. REGULATORY INFORMATION

Labelling information: Not classified for Health, Safety or Environment
S phrases: Do not breathe dust. Take precautionary measures against static discharges.

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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