

## **J. Arthur Bower's Garden Lime**

The acidity of soil is measured by its pH. If your soil is less than 6.0, applying J. Arthur Bower's Garden Lime will be helpful in countering the acidity. J. Arthur Bower's Garden Lime can also help break down heavy soils.

### **How to use**

Garden Lime can be applied at any time of year, but is best applied in late autumn or winter on frost-free soil.

For normal soils, use every third year.

Acidic soils may need annual applications.

Scatter 100-200g per sq m (3 – 6oz per sq yd) evenly over the area.

Fork well in.

### **Application Advice**

Use the recommended amount.

Apply evenly between the plants, without touching the plant itself.

Avoid using on windy days.

Water well in after applying.

Wash hands after use.

### **Storage**

Store in a cool, dry place away from children, pets and foodstuffs.

William Sinclair Horticulture

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

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#### **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/m<sup>3</sup>

### 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.

#### 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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