

# WILLIAM SINCLAIR HORTICULTURE LTD

## PRODUCT DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial product name: **J Arthur Bower's Vermiculite**

Description: Lightweight golden-coloured aggregate in plate-like layers. Derived from a mica clay granule. For use in seed sowing and plant propagation.

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: Flakes composed of a complex magnesium iron silicate, heat processed to form an organic inert material.

### 3. HAZARDS IDENTIFICATION

Not classified as hazardous

### 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

Non-combustible. Will not give off noxious fumes

### 6. ACCIDENTAL RELEASE MEASURES

Sweep up into suitable container and wash affected area with water

## **7. HANDLING AND STORAGE**

Store in original packaging in a secure, well-ventilated, cool, but frost-free dry area away from children and pets All materials should be handled using good working practices.. Vermiculite may become slippery when wet.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Personal protective equipment: No special protection is needed when using this product as directed  
Respiratory protection: Dust mask could be worn if prolonged use of this product in confined areas is expected  
Hand and Eye protection: No special protection is needed when using this product as directed

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Lightweight gold-coloured flakes  
Odour: Odourless  
Solubility in water: Insoluble

## **10. STABILITY AND REACTIVITY**

The material is stable under normal conditions of use  
Conditions to avoid: None  
Material to avoid: Acids may cause some degradation  
Hazardous decomposition products: None

## **11. TOXICOLOGICAL INFORMATION**

Vermiculite is regarded as non-toxic

## **12. ECOLOGICAL INFORMATION**

No adverse environmental effects have been recorded.  
Not readily biodegradable  
No evidence of bio-accumulation  
Low toxicity to aquatic life

## **13. DISPOSAL CONSIDERATIONS**

Dispose of safely in accordance with local and national regulations

## **14. TRANSPORT INFORMATION**

Not classified for conveyance purposes

## **15. REGULATORY INFORMATION**

Uses and restrictions Horticultural use:

UK Environmental Protection Act 1990  
Statutory information is on the packaging

## **16. OTHER INFORMATION**

The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information, and any recommendations or suggestions, are made without warranty or guarantee. The product label provides information on the use of this product. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product.

**Date of preparation:** 14/02/06