



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial product name: **Sinclair 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
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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

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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