



MATERIAL SAFETY DATA SHEET

1 Identification of Substance and Supplier

Product Name: Termin8
Product Description: White /pale yellow powder
Supplier: William Sinclair Horticulture Limited
Firth Road
Lincoln LN6 7AH
Tel: (01522) 537561
Fax: (01522) 513609

2 Hazard Identification

Health: According to experience, the product is considered to be harmless to health if handled in the incorrect manner.

Environmental: According to experience, the product is considered to be harmless to health if handled in the incorrect manner.

Further Information: *CONTAINS SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMITS.

GROWING SUCCESS ORGANICS LTD – PAGE 2

3 Composition

Description: Fine White Powder

Hazardous Ingredients:	CAS No:	% Range:	Hazard:	Risk No:
Diatomaceous earth	61790-53-2	83.6		
Silica crystalline quartz	14808-60-7	<0.5		
Crystobalite	14464-46-1	<0.5		

4 First Aid

General information: Blow nose to evacuate dust and swill any residual dust from the throat with water.

Inhalation: If inhaled, provide fresh air, warmth, rest and SEEK MEDICAL ADVICE.

Skin Contact: Clean areas of skin affected with soap and plenty of water.

Eye Contact: In case of contact with eyes, rinse immediately with plenty of water until irritation subsides.

Ingestion: If product is swallowed, do NOT induce vomiting. Drink plenty of water and if necessary seek medical advice.

5 Fire-Fighting Measures

This Product is non-combustible.

In case of a fire, extinguish by using water sprays, carbon dioxide, foam, or chemical powder.

Self-contained breathing apparatus should be worn.

6 Accidental Release Measures

In case of spillage, sweep or vacuum up into bins or bags for disposal. Avoid breathing in the dust

7 Handling & Storage

To ensure safe handling and storage avoid raising and deposition of dust. Store in original container with a secure lid, in a cool and dry location with adequate ventilation.

8 Exposure Controls and Personal Protection

Always consult the label before use

Ingredient:	Diatomaceous earth
O.E.S:	1.2 mg/m
Respirators:	Respiratory masks to achieve adequate protection factor in respect of exposure limits for the work period concerned. Where approaching the exposure limits shown, masks are generally of the P2 type.
Eye Protection:	Safety goggles with side shields.
Personal protection:	Wash hands before and after work, wear personal protective equipment appropriate to the task. Avoid breathing dust.

9 Physical and Chemical Properties

Appearance:	White / pale yellow powder
Density:	Natural Diatoms in bulk: 0.15 – 0.45 g/cc
Solubility:	Insoluble
Boiling Point:	2200 °C (Decomposes)
Melting Point/ Range:	1600 °C
Molecular formula:	SiO ₂ (Main component is Amorphous silica dioxide)
General Flammability:	NON-COMBUSTIBLE
Additional information:	Material is highly hygroscopic

10 Stability and Reactivity

Stable under normal conditions of handling

11 Toxicological Information

Acute toxicity:	LD50 rat (oral)	<2.5g/kg
Eye contact:	Contact with eyes may cause irritancy due to scratching of the eyeball.	
Inhalation:	Inhalation of dust can cause transitory irritation of the upper respiratory tract.	
Chronic Toxicity:	Prolonged and repeated exposure by inhalation of dust can cause pulmonary disease.	

12 Ecological Information

Acute Toxicity:	NOEL fish	>10g/l / 96 h
	NOEL Daphnia	>1 g/l / 24 h
Not Degradable		

13 Disposal Considerations

In accordance with national and local authority regulations treat empty container in the same way as products or if possible wash out thoroughly and recycle.

14 Transport Information

Product not classified for transport

15 Regulatory Information

Label for supply:	A Safety Data Sheet is available for the professional user on request.	
Risk Phrases:	None required	
Safety Phrases	S22	DO NOT BREATHE DUST
	S25	AVOID CONTACT WITH EYES

16 Other Information

Sources of data: EH40. Other databases and other suppliers' safety data sheets

This safety data sheet provides health and safety information. The product is to be used in a way consistent with best horticultural practice as stated on packaging. 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 Limited disclaims any liability for any loss or damage resulting from reliance on this information.

Date of Preparation:	25/01/11
Revised:	21/08/13