



headland
AMENITY PRODUCTS

PRODUCT SAFETY DATA SHEET

AXIS

A soil amendment for use on amenity turf

1. Marketed by:

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2. Composition:

A soil amendment containing diatomaceous earth (calcined) – a form of amorphous silica.

3. Hazards:

3.1 Classification of Preparation:

Not classified.

3.2 Primary Hazards

This product contains crystalline silica. Prolonged overexposure may lead to silicosis.

4. First Aid Measures:

Eyes:

Flush with water for 15 minutes. Seek medical advice if any redness or irritation persists.

Skin:

Wash thoroughly with soap and water. Seek medical advice if any irritation persists or develops later.

Ingestion:

Seek medical attention immediately.

Inhalation:

Remove from source of exposure into fresh air. Seek medical attention immediately.

5. Fire Fighting Measures

5.1 Suitable Extinguishing Media

Use dry chemical, foam or water spray. Contain any material used in firefighting

5.2 Unsuitable Extinguishing Media

As appropriate for surrounding fire.

5.3 Special Hazards, Combustion or By-Products

None known.

5.4 Protective Clothing for Fire Fighting

Suitable protective clothing and breathing apparatus.

6. Accidental Release (Spillage)

6.1 Personal Precautions

Prevent contact with skin or eyes; wear approved dust respirators.

6.2 Environmental Precautions

DO NOT wash excessive spillages into water courses. If this product enters water course or sewer (including via contaminated soil and vegetation), contact local agency and/or police immediately. DO NOT burn.

6.3 Clean & Disposal Methods

Use approved liquid spray to reduce dust when sweeping or shovelling.

7. Storage and Handling

7.1 Practical Precautions and Engineering Controls for Safe Handling

When using, DO NOT eat, drink or smoke. When handling in enclosed areas, ensure ventilation is adequate to remove dust from the air. If necessary, wear a dust mask. Wash hands and exposed skin before meals and after work.

7.2 Conditions and Quantity Limits for Safe Storage

Store in a cool, dry atmosphere in original, labelled containers.

Keep away from food, drink and animal feeding stuffs.

Keep away from children.

Refer to manufacturer for maximum safe stacking height.

No storage quantity limits

8. Personal Protection

8.1 Exposure Limit Values

8 hour TWA Amorphous silica (total inhalable dust): 6mg/m³.

8.2 Personal Protective Equipment

Primary Hazard considered as handling of concentrate.

Wear suitable protective gloves, face protection and suitable respiratory equipment (i.e. disposable filtering facepiece respirator) when handling the concentrated product.

9. Physical and Chemical Properties

9.01 Appearance:	Buff to off-white granules
9.02 Odour:	None
9.03 pH:	7
9.04 Boiling Point / Range	Not applicable
9.05 Flash Point / Flammability:	Not classified as flammable
9.06 Explosive Properties:	Not classified as explosive
9.07 Oxidising Properties:	Not classified as oxidising
9.08 Vapour Pressure:	Not applicable
9.09 Relative Density:	Not applicable
9.10 Solubility:	<2%
9.11 Partition Coefficient:	Not applicable
9.12 Viscosity:	Not applicable
9.13 Vapour Density:	Not applicable
9.14 Evaporation Rate:	Not applicable

10. Stability and Reactivity

10.1 Materials to Avoid:

None known.

10.2 Conditions to avoid:

None known.

10.3 Hazardous Decomposition Products:

None known.

11. Toxicological Information

Potential chronic Health Effects:

Prolonged exposure to quantities of crystalline silica dust in excess of the long-term exposure limit (8-hour TWA reference period) can lead to the lung disease silicosis. Always use the personal protective equipment as indicated in section 8 and avoid periods of contact with dust or particles of respirable size.

12. Environmental Protection

12.1 Ecotoxicity

The product is of low toxicity to fish.

12.2 Mobility

No specific data available.

12.3 Persistence and Degradability

No specific data available.

12.4 Bio Accumulative Potential

This product is not considered to bio accumulate.

13. Disposal of Unwanted Product and Used Containers

13.1 Disposal of Used Preparation:

Dispose in accordance with local regulations via specialised waste contractor.

13.2 Disposal of Packaging:

Use specialist waste contractor in accordance with local regulations. DO NOT remove labels from containers.

14. Transport Information	
Road Transport Class:	ADR/RID
Sea:	IMDG
Air:	ICAO/IATA
	Not regulated for carriage
15. Regulatory Information	
Safety phrases:	.
S2:	Keep out of reach of children
S22:	Do not breathe dust
S38:	In case of insufficient ventilation, wear suitable respiratory equipment
16. Other Information	
<p>The above information is intended to give health and safety guidance on the storage and transport of the substance or product to which it relates. It is not intended to apply to the use of the product, for which purpose the product label and any appropriate technical usage literature available should be consulted and any relevant licences, consents or approvals complied with. The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given. The information provided in this safety data sheet is accurate to the best of the issuer's available knowledge at the date of publication, and will be updated as and when appropriate. No liability will be accepted for any loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.</p>	
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