

Westland Safety Data Sheet

1. Product: Aquatic Soil

Produced by Westland Horticulture
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2. Product composition

It is a mixture of sterilised soil and grit

3. Chemical & Thermal Properties

Stable under normal storage and handling conditions.
Not itself combustible. May liberate small amounts of fumes on heating

4. Physical Properties

Brown friable material with a bulk density between 1000 and 1200 kg/m³.

5. Health Hazards

The product is of a low toxicity but prolonged skin or eye contact may cause some irritation.

Ingestion: Small quantities are unlikely to cause toxic effects.

Large quantities may give rise to gastrointestinal disorders

Inhalation: Low toxicity dust but high concentration of air-borne material may cause irritation of the nose and upper respiratory tract with symptoms such as sore throat and coughing. Generally regarded as a nuisance dust with no specific official Occupational Exposure limit (OEL). Recommend a total inhalable dust standard for nuisance dust of 10 mg/m³ as an 8 hour Time Weighted Average. See HSE Guidance Notes EH 40 and EH 42.

6. First Aid

Product

Skin contact: Wash the affected area with soap and water.

Eye contact: Irrigate eyes with copious amounts of eyewash solution or water for at least 10 minutes. Obtain medical advice if symptoms persist.

Ingestion: Do not induce vomiting. Give milk or water to drink. Obtain medical attention if more than small quantities have been swallowed.

Inhalation: Remove from source of exposure to dust. Keep warm and at rest. Obtain medical advice if symptoms persist.

Fire and Thermal Decomposition Products

Skin contact: Wash areas in contact with molten material. Wash copiously with cold water. Seek medical advice.

Inhalation: Remove from source of exposure to fumes. Keep warm and at rest. Obtain medical advice if symptoms persist.

7. Precautions for Storage, Handling & Use

Storage: The basic requirements are the avoidance of involvement in a fire and contamination. Locate away from sources of heat, fire or explosion. Keep away from combustible materials and chemical substances. Do not permit smoking or the use of naked lights in the storage area.

Handling: Avoid excessive generation of dust.

Personnel Protection: Use approved dust respirators if airborne dust concentrations are liable to exceed recommended limits. Wear gloves when handling the products over a long time periods.

Use: Use in accordance with manufacturers advice.

8. Transport

Avoid transport with other materials where there is undue risk of contamination. Ensure that the transport is clean before loading the product.

9. Spillage

Clean up spillage promptly. Sweep up and place in a clean appropriately labelled container. Depending on the degree of contamination, used as intended, by spreading thinly on open ground or to an authorised waste facility. Take care to avoid the contamination of watercourses and drains. Inform the appropriate water authority in the event of accidental watercourse contamination.

10. Fire Fighting

1. Avoid breathing the fumes. Wherever possible wear an approved breathing mask when fighting a fire or when fumes are being emitted.
2. Call the fire brigade.
3. Use plenty of water.
6. Do not allow contaminated water to run into drains. If water containing the material enters any drain or water course, inform the appropriate water authorities Immediately. Note also first aid precautions (6).

11. Use Responsibly

This safety data sheet provides health and safety information. The product is to be used in applications consistent with best 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 the Westland's knowledge correct as at this date of publication.