



SAFETY DATA SHEET

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

Product	Westland Lawn Sand
Supplier	Westland Horticulture Limited 14 Granville Industrial Estate Granville Road Dungannon Co Tyrone BT70 1NJ
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Mosskiller and fertiliser mixed with sand.

INGREDIENT	%w/w	CLASSIFICATION	CAS No.	EIN
Ferrous sulphate (heptahydrate)	8.3	Xn / R22	7782-63-0	231-753-5

3. HAZARDS IDENTIFICATION

Human Health

Products are of a low toxicity but prolonged skin or eye contact may cause some irritation.
Irritating to eyes as a fine dust.
Not classified as hazardous

4. FIRST AID MEASURES

Skin Contact: Wash the affected area with soap and water
 Eye Contact: Irrigate the eyes with copious amounts of eye wash solution or water for at least 10 minutes. Patient must not rub eyes as particles may scratch. 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 the source of exposure to dust.
 Keep warm and at rest.

Obtain medical advice if any symptoms persist.

5. FIRE FIGHTING MEASURES

Product is non-flammable.
 When the fertiliser is not directly involved in the fire use the best means available to control the fire.



When the fertiliser is involved:

- a. Avoid breathing the fumes. Whenever possible wear an approved breathing mask when fighting the fire or when fumes are being emitted.
- b. Call the fire brigade
- c. Use plenty of water
- d. Open doors and windows to give maximum ventilation
- e. Do not allow molten fertiliser to run into drains

If water containing the fertiliser enters any drain or watercourse, inform the local authorities and appropriate water authorities immediately. Note also First Aid precautions.

Flash point:	None
Fire extinguishing media:	Water, foam, CO2
Explosion Hazard:	May explode if heated in a confined place

6. ACCIDENTAL RELEASE MEASURES

Clean up spillage promptly to minimize dust. Sweep up and place in clean appropriately labeled container.

If spillage enters any drain or watercourse, inform the local authorities and appropriate water authorities immediately. Note also First Aid precautions.

7. HANDLING AND STORAGE

Handling:

Avoid excessive generation of dust. Avoid unnecessary exposure to the atmosphere to prevent moisture pick-up.

Storage:

The basic requirements are the avoidance of contamination and involvement in a fire. Locate away from sources of heat, fire and explosion. Keep away from combustible materials and chemical materials and chemical substances, taking particular care that it is not stored near other combustible materials. Ensure a high standard of housekeeping in the storage areas. Do not permit smoking or the use of naked lights. Buildings used for storage should be dry and well ventilated. Stacks therein should be at least 1 metre from walls, eaves and beams. Further storage guidance is given in HSE Guidance IND (G) 230L.

Storage Life: Avoid damp conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational EXPOSURE Limits:

For iron salts (as Fe) in air: 1 g/m³ (8 hours), 2mg/m³ (15 min)

Precautionary and engineering measures: avoid high dust concentrate and provide ventilation where necessary. After handling the product wash hands and observe good hygiene practice.

Personal Protection:

Eye Protection: Wear goggles or glasses (EN166) if handling quantities.

Respiratory Protection: Use approved dust respirators (or mask EN 140) if airborne dust concentrations are high.

Hand Protection: Suitable gloves (pvc, natural rubber or nitrile EN420 & 374) are recommended when handling the product over long periods.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Crystalline powder, slightly yellow/buff
Odour: Odourless
Bulk Density: 1296 kg/m³
Solubility in Water: 30g/100g water
Soluble in water, extent depends on composition
Most formulations are hygroscopic.

10. STABILITY AND REACTIVITY

Stable under normal storage and handling conditions. Liberates ammonia when in contact with alkalis e.g. Caustic Soda, Soda Ash.
Do not weld or apply heat to equipment or plant, which may have contained the fertiliser without first moving thoroughly to remove all fertilizer.
Thermal decomposition: Avoid damp conditions
Hazardous decomposition: Ammonia
Hazardous Reactions: With Alkalis

11. TOXICOLOGICAL INFORMATION

Ingestion: Small quantities are unlikely to cause toxic effects. Large quantities may give rise to gastro-intestinal disorders.

Oral LD50 (Rat) 10000mg/kg (by calculation)

12. ECOLOGICAL INFORMATION

Product contains nutrients essential to plant growth. Do not exceed recommended dose.

13. DISPOSAL CONSIDERATIONS

Dispose of through approved field of use or to an authorized waste facility. Take care to avoid the contamination of watercourses and drains. Inform the appropriate water authority in the event of accidental watercourse contamination.

Spillage: Sweep up spillage and place in a suitable container
Disposal of Waste: Spread over lawns, or bury in approved landfill away from water sources.
Disposal of Container: Empty completely, dispose of safely.

Refer to product label

14. TRANSPORT INFORMATION

Un Classification. Classified as non-hazardous.



15. REGULATORY INFORMATION

<u>EC Directives</u>	76/116/EEC (Relating to fertilisers)
<u>National Regulations</u>	The Fertilisers Regulations 1991 and subsequent amendments Control of Pesticides Regulations 1986. Control of Substances Hazardous to Health 1988 and amendments.
MAPP 12497	

STATUTORY CONDITIONS OF USE

FOR USE ONLY AS A HOME GARDEN LAWN TREATMENT

For use on lawns

Max rate of use: 112 g/m²

S35 This material and its container must be disposed of in a safe way

PRECAUTIONS

- WASH HANDS AND EXPOSED SKIN before meals and after use
- Keep out of reach of children
- Keep only in original container
- KEEP AWAY FROM CHILDREN AND PETS

To avoid risks to man and the environment, comply with instructions for use

16. OTHER INFORMATION

This Safety Data Sheet is prepared in compliance with the Control of Pesticides Regulations (1986). This safety data sheet provides health and safety information. This product is to be used in applications 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 our knowledge correct as at the date of publication.

Westland Horticulture Limited do not accept responsibility for damage caused by incorrect use of this information.

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