



PRODUCT SAFETY DATA SHEET

HEADLAND SOLUBLE IRON

A water-soluble iron formulation for amenity turf

1. Marketed by:

Headland Amenity Ltd

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2. Composition:

Water-soluble ferrous sulphate heptahydrate

Component	CAS No.	Classification
Ferrous sulphate heptahydrate – 95% w/w	7782-63-0	Xn R22

3. Hazards:

Harmful if swallowed. May cause irritation to eyes, skin and respiratory system.

4. First Aid Measures:

Eyes: Irrigate with clean water for at least 15 minutes and seek medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water.
Seek medical attention if any irritation persists.

Ingestion: If swallowed drink plenty of water and seek medical advice immediately.

Inhalation: Remove from exposure, provide maximum ventilation and seek medical advice immediately.

5. Fire Fighting Measures

The product will not burn. If involved in a fire, fumes and vapours may be harmful. Fire fighters should wear breathing apparatus.

Use dry chemical, foam, water spray, sand or earth. Prevent entry of the product or contaminated water into watercourses ditches or drains.

6. Accidental Release (Spillage)

Wear suitable protective clothing (Refer to Section 8 below).

Cover the spillage with inert absorbent material (sand, earth etc), shovel up and transfer to a container for later removal to a safe place for disposal.

Flush the area with plenty of water when all the spillage has been removed.

Prevent the spillage from entering watercourses sewers or drains. Inform the proper authorities if gross contamination of water is threatened or occurs.

7. Storage and Handling

Keep in original container, tightly closed away from oxidising agents and alkalis.
Keep cool and dry in a suitable agricultural chemical store under lock and key.
Keep away from food, drink and animal feeding stuffs and out of reach of children.
Do not allow to freeze. Store above 5°C. Do not store in direct sunlight.

8. Personal Protection

Wear suitable protective gloves, overalls, goggles and dust mask when handling the concentrated product. Avoid breathing the spray mist when using.

9. Physical and Chemical Properties

Appearance: Pale blue green powder
Odour: sharp acidic odour
Boiling Point : 300 °C
Melting Point: 300 °C
Solubility Soluble in water

10. Stability and Reactivity

Very stable. Stores for at least 2 years in original containers in normal agricultural chemical storage conditions. Do not allow to freeze – store above 5°C.
Decomposes at 300 °C producing toxic sulphur oxide fumes.
Incompatible with oxidising agents and alkalis

11. Toxicological Information

ORL-MUS LD50 =1520 mg kg⁻¹
IPR-MUS LD50 =245 mg kg⁻¹
IVN-MUS LD50 =51 mg kg⁻¹

12. Environmental Protection

This product expected to be of low toxicity to fish and other aquatic life.
Do not contaminate surface waters or ditches with any chemical or used containers.

13. Disposal of Unwanted Product and Used Containers

Consult the local authorities before disposing of unwanted chemical.
Do not re-use containers for any purpose.

14. Transport Information

Road Transport: Not hazardous
UN Number: No UN Number
Proper Shipping Name: Non-hazardous
IMDG Class: Not applicable
CPL Packing Group: Not applicable

15. Regulatory Information

Supply labelling: HARMFUL IF SWALLOWED
AVOID CONTACT WITH SKIN

16. Other Information

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.