

## PRODUCT SAFETY DATA SHEET

**1. † Identification of the Preparation and the Company:**

Product Name: **HEADLAND MAGNESIUM SUPER 80**  
Function: A micronutrient for use in agriculture and horticulture

**Marketed by:**

United Kingdom and Ireland: Headland Agrochemicals Ltd.

**Contact Points:**

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**2. Hazards:**

Not classified as hazardous.

**3. Composition:**

An aqueous formulation containing 80 g/l elemental magnesium as the nitrate

**4. First Aid Measures:**

Eyes: Irrigate with clean water for at least 15 minutes. Seek medical attention if any irritation or redness persists.  
Skin: Remove contaminated clothing. Wash thoroughly with soap and water.  
Ingestion: If swallowed drink plenty of milk or water and seek medical advice  
Inhalation: Remove from exposure and provide maximum ventilation

**5. † Fire Fighting Measures**

Headland Magnesium Super 80 will not burn but contains magnesium nitrate which will support combustion if heated to dryness. 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.

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

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

Do not absorb spillage onto any combustible material (cloths, sawdust etc).

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

**7. Storage and Handling**

Keep in original container, tightly closed

Keep cool and dry in a suitable agricultural chemical store under lock and key

Keep away from food, drink and animal feedingstuffs and out of reach of children

Do not allow to freeze. Store above 5°C. Do not store in direct sunlight or near direct sources of heat.

**8. Personal Protection**

None prescribed. Use of suitable protective gloves is recommended. Avoid breathing the spray mist when using.

**9. Physical and Chemical Properties**

Appearance: a water-white liquid

Odour: virtually odourless

Specific Gravity: Approx. 1.33

pH 7.2 approx.

Explosivity: Not explosive

Oxidising: Magnesium nitrate is an oxidiser when dry.

**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.

Shake containers thoroughly before opening and use.

Conditions to avoid: none known.

**11. Toxicological Information**

This product is of low toxicity:

Acute oral LD50: >2,000 mg/kg.bw (calculated)

Acute dermal LD50: >2,000 mg/kg.bw (calculated)

Irritancy: May be mildly irritating to skin and eyes

**12. Environmental Protection**

This product expected to be of low toxicity to fish. Its components are readily bio-degradable and bio-accumulation is unlikely to occur.

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.

Triple-rinse and puncture used containers and dispose of as permitted by local authorities. 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**  
No statutory phrases apply.

**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.

Headland is a registered trademark.

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