

# PRODUCT SAFETY DATA SHEET

## HEADLAND CLASSIC

### 1. Identification of the Preparation and the Company:

**Trade Name:** HEADLAND CLASSIC

**Function:** A micronutrient for use in agriculture and horticulture

#### Contact Points:

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### 2. Hazards:

May be irritating to skin and eyes

May irritate digestive tract causing vomiting and diarrhoea.

Contains 1,2-benzisothiazolin. May cause an allergic reaction.

Not classified as hazardous according to the EC Dangerous Products Directive

### 3. Composition/ Information on Ingredients:

Chemical Name	CAS No	Class	%w/v
Manganese carbonate	598-62-9	n/a	101.6
1,2-benzisothiazolin 20% in dipropylene glycol	2634-33-5	Xn (R22/38/43) N (R50/53)	0.10

### 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 Classic 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. Inform the authorities if contamination of water is threatened or occurs.

### 6. Accidental Release (Spillage)

Wear suitable protective clothing (see Section 8 below).

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.

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

### 7. Storage and Handling

Keep in original container, tightly closed

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

Keep away from food, drink and animal feedingsuffs and out of reach of children. Shake the container well before opening.

Do not allow to freeze. Store above 5°C

### 8. Personal Protection

Wear suitable protective gloves and faceshield when handling the concentrated product. Avoid breathing the spray mist when using.

Occupational Exposure Limits: None assigned.

### 9. Physical and Chemical Properties

**Appearance:** a cream to pale brown smooth opaque liquid

**Odour:** faint, chemical

**Specific Gravity:** Approx. 1.825

**pH:** 6

**Flashpoint:** Will not burn

**Explosive properties:** Not explosive

**Oxidising properties:** Not an oxidiser

Keep in original container, tightly closed  
Keep cool and dry in a suitable chemical store under lock and key  
Keep away from food, drink and animal feedingstuffs and out of reach of children. Shake the container well before opening.  
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Odour: faint, chemical  
Specific Gravity: Approx. 1.825  
pH: 6  
Flashpoint: Will not burn  
Explosive properties: Not explosive  
Oxidising properties: Not an oxidiser  
Solubility: Completely miscible 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. Do not store in direct sunlight.  
Reactivity: avoid strong acids

#### 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  
May irritate digestive tract if swallowed

#### 12. Environmental Protection

Ecotoxicity:  
This product is expected to be of low toxicity to aquatic organisms

Bio-accumulation:  
Bio-accumulation is considered unlikely

Do not contaminate surface waters or ditches with 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 or symbols apply

Advisory phrases:  
S2 Keep out of reach of children  
S13 Keep away from food, drink and animal feedingstuffs  
S37/39 Wear suitable protective gloves and face protection

#### 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 and Headland Classic are trade marks of Headland Agrochemicals

Revised: October 2009  
Replaces issue dated: March 2009  
Previous issue dated: 1st issue: 1st issue

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

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No statutory phrases or symbols apply

Advisory phrases:

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Sections updated since last issue:	marked † in margin