



**Omnia**  
**PO Box 201041**  
**Auckland Airport**  
**Manukau 2150**  
**New Zealand**  
**Ph: 64 9 257-4030**  
**Fax: 64 9 257-4031**

## SAFETY DATA SHEET

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Date of Issue: 8/12/06

Trade name: **QUALIGRASS**

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### 1. Product and Company identification.

- 1.1 Product name: Qualigrass
- 1.2 Manufacturers product code: 80022
- 1.3 Company name:  
OMNIA PRIMAXA LIMITED T/A OMNIA  
132 Pavilion Drive  
Airport Oaks, Auckland Airport  
Auckland  
New Zealand  
PHONE: 64 9 257-4030  
FAX: 64 9 257-4031
- 1.4 Emergency Telephone Number:  
National Poisons and Hazardous Chemicals Information Centre  
Dunedin Phone: 0800 POISON (0800 764-766)  
**24 hr Emergency Response: 0800 CHEMCALL (0800 243 622)**
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### 2. Composition/information on ingredients

Chemical characterisation of the preparation: An aqueous solution of urea, magnesium & copper salts with trace elements and seaweed extract.

Chemical type/Use: Liquid fertilizer

Contains:

Urea	30 - 45%
Mineral salts	15- 30 %
Dispersants/suspending agents:	Trace
Water:	balance

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### 3. Hazards identification

Hazardous Property Classifications: 6.4A, 9.1D

Eye: irritant. Not irritating to skin – however repeated or prolonged contact may result in irritation.  
May be harmful if ingested.

Inhalation of mists may produce respiratory irritation.

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### 4. First aid measures

- 4.1 After contact with the eyes:  
Immediately rinse eyes with running water for at least 15 minutes.  
Seek medical attention if irritation persists.
  - 4.2 After contact with the skin:  
Remove contaminated clothing. Wash affected area thoroughly with soap and water.
  - 4.3 After inhalation:  
If safe to do so, remove from exposure, give artificial respiration if required. Seek medical attention immediately.
  - 4.4 Ingestion:  
Seek medical attention. If conscious, give 3-4 glasses of water. DO NOT INDUCE VOMITING
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### 5. Fire fighting measures

- 5.1 Extinguishing media:  
Suitable: all
  - 5.2 Special Fire Fighting Procedures:  
This product is not flammable.
  - 5.3 Unusual Fire and explosion hazards:  
Hazardous products of combustion: Development of acidic fumes possible if involved in a fire.
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### 6. Accidental release measures

- 6.1 Spills:  
Wear appropriate protective equipment and respirator where mists or vapours of unknown concentrations may be generated.  
Do not allow the product to enter drains, sewers or waterways. Remove leaking containers to a detached area. Bund spill area. Absorb spilled product with inert material (e.g. sand, earth etc.)
  - 6.2 Disposal: Dispose of waste in accordance with local authority bylaws.
  - 6.3 Cleaning of Equipment: Clean with water.
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### 7. Handling and storage

- 7.1 Handling:  
Measures to prevent fire and explosion: No special measures required.  
Avoid eye contact. Wear chemical type goggles or safety glasses.
- 7.2 Storage:  
Store the material in original container in a cool well ventilated, secure area out of reach of children and domestic animals. Do not contaminate drinking water, food or feed by storage or disposal.



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### 8. Exposure controls/personal protection

- 8.1 Ingestion: Do not ingest. Wash thoroughly before meals and after work.
- 8.2 Ventilation: In processes where mists or vapours may be generated, proper ventilation must be provided in accordance with good ventilation practices. Avoid inhalation of spray mists.
- 8.3 Personal protective equipment:  
Eye protection: Safety glasses/ goggles  
Hand protection: PVC gloves  
Skin and body protection: Protective clothing.  
Respiratory protection: Approved respirator when vapour or mist may be generated.
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### 9. Physical and chemical properties

- |     |                        |               |
|-----|------------------------|---------------|
| 9.1 | Form:                  | Liquid        |
| 9.2 | Colour:                | Dark brown    |
| 9.3 | Odour:                 | slight        |
| 9.4 | Boiling point (°C) :   | 100           |
| 9.5 | Flash point (°C):      | Not flammable |
| 9.6 | Max. % volatile:       | 50            |
| 9.7 | Density at 20°C, g/ml: | 1.2           |
| 9.8 | Solubility in water:   | Soluble       |
| 9.9 | pH:                    | 3.0           |
- 

### 10. Stability and reactivity

- |      |                                   |  |
|------|-----------------------------------|--|
| 10.1 | Stability:                        | Stable under normal operating conditions.            |
| 10.2 | Materials to avoid:               | Nil.   |
| 10.3 | Hazardous decomposition products: | May produce acidic fumes if heated to decomposition. |
| 10.4 | Dangerous reactions:              | None.  |
- 

### 11. Toxicological information

- |      |                            |                                       |
|------|----------------------------|---------------------------------------|
| 11.1 | <b>(active ingredient)</b> |                                       |
|      | Acute Oral:                | LD <sub>50</sub> 5440mg/kg (rat)      |
|      | Acute Dermal:              | LD <sub>50</sub> > 2000 mg/kg (rat)   |
|      | Acute Inhalation:          | unknown                               |
|      | Irritation:                | Eye - irritant<br>Skin - non irritant |
|      | Sensitisation:             | Not a known sensitiser                |
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### 12. Ecological Information

- 12.1 Persistence/Biodegradability: Methods for the determination of biodegradability are not applicable for inorganic compounds. Not expected to bioaccumulate
- 12.2 Aquatic toxicity: LC<sub>50</sub> (96hr) 30 mg/l, (calculated from components)
- 12.3 Avian toxicity: No data available
- 12.4 No ecological problems are to be expected when product handled with due care.

### 13. Disposal considerations

Dispose of waste in accordance with local authority bylaws.  
Disposal of empty container: Triple rinse, adding washings to spray tank and then send to drum recycling facility.

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### 14. Transport regulations.

U.N. Number:	Not classified as hazardous for transport.
Toxic Substance Schedule:	Not scheduled
Dangerous goods class:	Not classified as hazardous.

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### 15. Regulatory information

HSNO approval no: HSR002571 Fertiliser (Subsidiary Hazard) Group standard.  
Hazardous property Classifications: 6.4A, 9.1D

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### 16. Other information

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*This SDS supersedes all previous issues. It summarises our best knowledge of the health and safety hazard information of the product. All users should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Since the actual use of this product is beyond the control of Omnia, we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of users to ascertain that the product is suitable for intended applications.*

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