

## SAFETY DATA SHEET

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Trade name: **GREENSEAL ULTRA**

Date of issue 06.05.10

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### 1. Product and Company identification.

1.1 Product name: Greenseal Ultra

1.2 Company name:  
OMNIA PRIMAXA LIMITED TA OMNIA  
132 Pavilion Drive  
Airport Oaks, Auckland Airport  
Auckland  
New Zealand  
PHONE: 64 9 257-4030  
FAX: 64 9 257-4031

1.3 Emergency Telephone Number:  
National Poisons and Hazardous Chemicals Information Centre  
Dunedin Phone: 0800 POISON (0800 764-766)

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### 2. Hazards identification

Classified as a hazardous substance.  
Classified as Dangerous Goods for Transport: Class 9  
Hazard Classification: 6.3A, 6.4A, 6.5B, 9.1B, 9.3C.

#### WARNINGS:

TOXIC to aquatic life with long lasting effects.  
HARMFUL: May cause eye irritation.  
HARMFUL: May cause skin irritation.  
HARMFUL: May cause sensitization from prolonged skin contact.  
HARMFUL to terrestrial vertebrates.

#### PRECAUTIONS:

Avoid contact with the eyes.  
Avoid skin contact  
Avoid contamination of any water supply with product or empty containers

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### 3 Composition/information on ingredients

Name	Contents	CAS Number	Concentration in g/litre
Greenseal Ultra	Tebuconazole	107534-96-3	10.0
	Octhilinone	26530-20-1	17.5

Formulated in the form of a water based paint

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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:  
An unlikely route of exposure. Remove from exposure to fresh air.
- 4.4 Ingestion:  
Seek medical attention. If conscious, give 3-4 glasses of water to dilute stomach contents. 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: Toxic organic vapours, oxides of carbon and nitrogen .
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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.  
Large amounts: Do not allow the product to enter drains, sewers or waterways.  
Remove leaking containers to a detached area.  
Bund spill area and absorb spilled product with inert material (e.g. sand, earth etc.)  
Small amounts: Wash away with plenty of water or allow to dry and scrape off dried film.
- 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. As a precaution, wear chemical type goggles or safety glasses.  
Wear PVC gloves and protective clothing.
- 7.2 Storage:  
Store in original container, tightly closed in a locked dry, cool, well ventilated area away from foodstuffs, feeds, seeds, fertilisers, insecticides, or fungicides used for the protection of crops.  
Do not contaminate drinking water.
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### 8. Exposure controls/personal protection

- 8.1 Ventilation: In processes where mists or vapours may be generated, proper ventilation must be provided in accordance with good ventilation practices.
- 8.2 Personal protective equipment:  
Eye protection: Safety glasses/ goggles  
Hand protection: PVC gloves  
Skin and body protection: Protective clothing, PVC apron and boots.
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### 9. Physical and chemical properties

Appearance (Form):	Viscous opaque liquid (Paint)
Colour:	Green
Odour:	Slight
Flash point (°C):	Not flammable
Specific Gravity at 20°C:	1.06 – 1.08 g/ml
Solubility in water:	Dispersible
Viscosity:	1000 – 1500 cP
pH:	Not recorded

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### 10. Stability and reactivity

- 10.1 Stability: Stable under normal operating conditions.
- 10.2 Materials to avoid: Avoid contact with strong oxidising/reducing agents.
- 10.3 Hazardous decomposition products: Toxic vapours/fumes, Oxides of carbon and nitrogen.
- 10.4 Dangerous reactions: None.
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### 11. Toxicological information

- 11.1 Health Effects: Toxic if swallowed.  
Eye: Severe irritant.  
Eye irritant of rabbit: Othilinone (a.i.) Strong caustic effect.  
Skin: Irritating. Sensitising may occur from prolonged contact.  
(Othilinone a.i. has caustic effect on skin and mucous membranes)
- 11.2 Acute oral toxicity: LD<sub>50</sub> rat 760 mg/kg (a.i.).
- 11.3 Acute dermal toxicity LD<sub>50</sub> rabbit 690 mg/kg (a.i.).
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### 12. Ecological Information

- 12.1 Toxic to aquatic life with long lasting effects. Do not release into the environment.  
Persistence/degradability: unknown.
- 12.2 Aquatic toxicity: Based on othilinone technical material  
Bluegill sunfish: LC<sub>50</sub> (96 hour) 0.16 mg/l (a.i.)  
Daphnia: LC<sub>50</sub> (48 hour) 0.42 mg/l (a.i.)  
Algae (Scenedesmus subspicatus): EC<sub>50</sub> (72 hour) 0.084 mg/litre (a.i.)
- Based on tebuconazole technical material  
Rainbow trout: LC<sub>50</sub> (96 hour) 4,4 mg /litre (a.i.)  
Bluegill sunfish: LC<sub>50</sub> (96 hour) 5.7 mg/litre (a.i.)  
Daphnia: LC<sub>50</sub> (48 hour) 4.2 mg/litre (a.i.)  
Algae (Scenedesmus subspicatus): EC<sub>50</sub> (96 hour) 4.01 mg/litre (a.i.)
- 12.3 Avian toxicity: Data not available. The substance is a vertebrate ecotoxicant.
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### 13. Disposal considerations

Dispose of waste in accordance with local authority bylaws.

Disposal of empty container: Crush container and land fill or Triple rinse then send to recycling facility.

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### 14. Transport regulations

Dangerous Goods Class:	9
UN No:	UN3082
Correct Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Tebuconazole 10g/l, Oclthilnone 17.5g/l) MARINE POLLUTANT
HAZCHEM:	2Z
Packing Group:	III

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### 15. Regulatory information

HSNO Approval No: HSR100149  
Hazardous Property Classification: 6.3A, 6.4A, 6.5B, 9.1B, 9.3C.  
HSNO Controls: See <http://www.ermanz.govt.nz/search/registers.html>  
Registered pursuant to the ACVM Act 1997 No. P8180  
See: [www.nzfsa.govt.nz/acvm/](http://www.nzfsa.govt.nz/acvm/) for registration conditions

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### 16. Other information

#### 16.1 Abbreviations:

HSNO:	Hazardous substances and New Organisms Act 1996 (HSNO Act)
ERMA:	Environmental Risk Management Authority New Zealand
CAS Number:	Chemical Abstracts Service Number
LD <sub>50</sub> :	Lethal Dose 50% (Population)
LC <sub>50</sub> :	Lethal Concentration 50% (Population)
EC <sub>50</sub> :	Effective Concentration 50% (Population)

#### 16.2 General: Greenseal Ultra is a horticultural fungicide: Use only as directed on the label

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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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