



Omnia  
PO Box 201041  
Auckland Airport  
Manukau 2150  
Tel (09) 257 4030  
Fax (09) 257 4031

## SAFETY DATA SHEET

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Date of Issue: 18 August 2009

Trade name: **SPOTLESS**

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### 1. Product and Company identification.

- 1.1 Product name: SPOTLESS
- 1.2 Manufacturers product code: O-O4574
- 1.3 Company Identification:  
Omnia Primaxa Limited T/A Omnia  
132 Pavilion Drive  
Airport Oaks  
Manukau 2150  
New Zealand  
Tel: 64 9 257 4030  
Fax: 64 9 257 4031
- 1.4 Emergency Telephone Number:  
24 hour Emergency only 0800 CHEMCALL (0800 243 622)  
National Poisons and Hazardous Chemicals Information Centre Dunedin:  
Phone: 0800 POISON (0800 764-766)  
Transport Emergency Only Dial: 111
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### 2. Hazards identification

#### Classified as Hazardous

#### Classified as Dangerous Goods for transport

HSNO Hazard Classification: 6.1D, 6.3A, 6.5A, 6.5B, 6.9B, 8.3A, 9.1A, 9.3C

KEEP OUT OF THE REACH OF CHILDREN

Toxic: May cause respiratory sensitisation

Danger: Corrosive and may cause eye damage

Very toxic to fish with long lasting effects. Avoid contamination of any water supply

Harmful:

- May be harmful if swallowed, inhaled or absorbed through the skin.
  - May cause skin irritation.
  - May cause sensitisation from prolonged skin contact.
  - May cause organ damage from repeated oral exposure at high doses
  - Harmful to terrestrial vertebrates
- 

### 3. Composition/information on ingredients

Chemical type: Fungicide

Ingredient	CAS Number	Content in g/litre
Benzalkonium chloride	8001-54-5	50
Propiconazole	60207-90-1	15
2- hydroxylbenzoic acid	69-72-7	5
Non hazardous excipients		<500
Water:		Balance

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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 immediately.
- 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:  
Call the poison centre (0800 POISON) or a doctor. 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 toxic fumes possible if involved in a fire.
- 

### 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: Prevent eating, drinking and tobacco use in areas where there is potential for exposure to the material. 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:                | Light Amber   |
| 9.3 | Odour:                 | Slight almond |
| 9.4 | Boiling point (°C) :   | 100           |
| 9.5 | Flash point (°C):      | Not flammable |
| 9.6 | Max. % volatile:       | 60            |
| 9.7 | Density at 20°C, g/ml: | 1.06          |
| 9.8 | Solubility in water:   | soluble       |
| 9.9 | pH:                    | 7.0           |
- 

### 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 fumes if heated to decomposition. |
| 10.4 | Dangerous reactions:              | None.   |
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### 11. Toxicological information

- |      |  |  |
|------|--|--|
| 11.1 | Acute Oral LD <sub>50</sub> for Spotless:                | 1850 mg/kg (rat)   |
|      | Acute Oral LD <sub>50</sub> for Benzalkonium chloride:   | 150 mg/kg (mouse) Technical material   |
|      | Acute Dermal LD <sub>50</sub> for Spotless:              | > 5000 mg/kg (rat)   |
|      | Acute Dermal LD <sub>50</sub> for Benzalkonium chloride: | 1420 mg/kg (rat) Technical material  |
|      | Acute Inhalation:  | LC <sub>50</sub> unknown   |
| 11.2 | Skin Irritation Benzalkonium chloride:                   | rabbit: severe irritant – 80% active solution 72 hours, not reversed<br>rat: severe irritant - 6-10% repeated exposures 2 weeks. |
| 11.3 | Eye irritation:  | Rabbit: severe irritant – 80% active caused irritation that did not clear by day 3, post-dose.                                   |
| 11.4 | Sensitisation:   | May cause skin and respiratory sensitisation.  |



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### 12. Ecological Information

- 12.1 Persistence: Not expected to bioaccumulate as components are biodegradable.
- 12.2 Aquatic toxicity: Spotless LC<sub>50</sub>(96hr) rainbow trout <1 mg/litre  
Benzalkonium chloride Technical: LC<sub>50</sub>(96hr) rainbow trout 0.28 mg/litre  
Propiconazole Technical: LC<sub>50</sub>(96hr) rainbow trout 0.83 mg/litre  
Propiconazole Technical: LC<sub>50</sub>(96hr) daphnia 0.31 mg/litre
- 12.3 Avian toxicity: Unknown
- 12.4 Bees: LD<sub>50</sub> (oral): Unknown.
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### 13. Disposal considerations

Dispose of waste: In accordance with local authority bylaws.

Dispose of empty container: Triple rinse the empty container adding rinsate to the spray tank. Recycle the container if possible otherwise crush and bury the container in a suitable landfill. Do not use the container for any other purpose.

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### 14. Transport regulations.

**Dangerous Goods Class:** 9  
**UN No:** UN3082  
**Correct Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Benzalkonium chloride 50 g/litre Propiconazole 15 g/litre)  
MARINE POLLUTANT  
**HAZCHEM:** 2Z  
**Packing Group:** III

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### 15. Regulatory information

HSNO Approval No: HSR007857  
Hazardous Property Classification: 6.1D, 6.3A, 6.5A, 6.5B, 6.9B, 8.3A, 9.1A, 9.3C  
HSNO Controls: See <http://www.ermanz.govt.nz/search/registers.html>  
Registered pursuant to the ACVM Act 1997 No: P7937  
See: [www.nzfsa.govt.nz/acvm/](http://www.nzfsa.govt.nz/acvm/) for registration conditions

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### 16. Other information

This is a registered agricultural product and must only be used according to the directions 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.