

SAFETY DATA SHEET

Date of Issue: 14 June 2011

Trade name: **OMNIGEL**

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1. Product and Company identification.

- 1.1 Product name: OMNIGEL
- 1.2 Company name: OMNIA
132 Pavilion Drive
Airport Oaks
Manukau
New Zealand
Tel: 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)
24 hr Emergency Response : 0800 CHEMCALL (0800 243 622)
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2. Hazards identification

Classified as a Hazardous Substance

Classified as Dangerous Goods for Transport

HSNO Hazard Classification: 6.3A(skin irritant), 6.4A (eye irritant), 6.5B (contact sensitiser), 6.8B (reproductive/developmental toxicant), 6.9B (target organ/systemic toxicant), 9.1B (aquatic ecotoxicant).

Warnings:

- Harmful - May cause eye irritation
- May cause skin irritation.
 - May cause sensitization from prolonged skin contact
 - May be harmful if ingested.
 - May cause reproductive /development damage from repeated oral exposure
 - May cause organ damage from repeated oral exposure at high doses.

Toxic - Toxic to aquatic life with long lasting effects. Do not release to the environment.

Precautions:

- Avoid skin and eye contact
 - Do not ingest the substance
 - Avoid contamination of any water supply with product or empty container
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3. Composition/information on ingredients

Chemical characterisation of the preparation:

Contains:

Ingredient	CAS Number	g/litre
Tebuconazole	107534-96-3	15.0
Boric acid	10043-35-3	15.0
Octhilinone	26530-20-1	17.5
Emulsifiers/stabilisers (Proprietary- non hazardous)		< 25.0
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.
 - 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. 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 Approved Handler required
 - 7.2 Handling measures to prevent fire and explosion: No special measures required.
Avoid eye contact. Wear chemical type goggles or safety glasses. Wear PVC gloves and protective clothing.
 - 7.3 Storage: Do not contaminate drinking water, food or feed by storage or disposal.
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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.
Respiratory protection: Approved respirator for organic vapours when vapour or mist may be generated.
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9. Physical and chemical properties

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|-----|------------------------|-------------------|
| 9.1 | Form: | Viscous liquid |
| 9.2 | Colour: | White / Off white |
| 9.3 | Odour: | Slight |
| 9.4 | Boiling point (°C) : | 100 |
| 9.5 | Flash point (°C): | Not flammable |
| 9.7 | Density at 20°C, g/ml: | 0.990 – 1.016 |
| 9.8 | Solubility in water: | Dispersible |
| 9.9 | pH: | 4.0 – 6.0 |
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10. Stability and reactivity

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|------|-----------------------------------|--|
| 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

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|------|------------------------|--|
| 11.1 | Health Effects: | Swallowed: Toxic if swallowed. Repeated oral exposure may lead to organ damage and or reproductive /development damage.
Skin: Irritating, sensitizing may occur from prolonged contact.
Eye: Irritating
Inhaled: Irritating if mists inhaled. |
| 11.2 | Acute oral toxicity: | Data unavailable - LD 50 > 5000 mg/kg (calculated) |
| 11.3 | Acute dermal toxicity: | Data unavailable |
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12. Ecological Information

- 12.1 Toxic to aquatic life with long lasting effects (9.1B). Do not release to the environment.
Aquatic toxicity Octhilinone Tech material: Bluegill sunfish - LC50 (96 hour) 0.16mg/litre
Daphnia - EC50 (48 hour) 0.32 mg/litre
Scenedesmus subspicatus - IC50 (72Hr) 0.084mg/l
- 12.2 Persistence/degradability: Biodegradable.
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13. Disposal considerations.

Dispose of waste in accordance with local authority bylaws
Disposal of empty containers: Triple rinse then send to drum recycling facility

14. Transport regulations.

Dangerous Goods Class: 9
UN Number: 3082
Correct Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID. N.O.S.
(Tebuconazole 15g/litre, Boric acid 15g/litre, Octhilinone 17.5g/litre)
MARINE POLLUTANT
HAZCHEM: 3Z
Packing Group: III

15. Regulatory information

HSNO Approval No: HSR100023
Hazardous Property Classification: 6.3A, 6.4A, 6.5B, 6.8B, 6.9B, 9.1B.
HSNO Controls: See www.ermanz.govt.nz/search-databases/Pages/controls-search.aspx
Registered pursuant to the ACVM Act 1997 No. P8121
See: <http://eatsafe.nzfsa.govt.nz/web/public/acvm-register> for registration conditions

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
LD₅₀: Lethal Dose 50% (Population)
LC₅₀: Lethal Concentration 50% (Population)
EC₅₀: Effective Concentration 50% (Population)
- 16.2 This is a registered agricultural product and must be used according to the directions on the Label. Read the label before use
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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 Primaxa Ltd, 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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