

MATERIAL SAFETY DATA SHEET

Bayleton Garden Fungicide

Date of Issue: April 20th, 2007

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product name: Bayleton® Garden Fungicide
Other names: None
Product code: 4958143
Recommended use: Fungicide for the control of diseases as specified on the product label.
Supplier: Bayer Environmental Science – A Business Group of Bayer CropScience Pty Ltd
ABN 87 000 226 022
Address: 391 - 393 Tooronga Road, East Hawthorn
Victoria 3123, Australia
Telephone: (03) 9248 6888
Facsimile: (03) 9248 6800
Website: www.bayercropscience.com.au
Contact: Technical Manager (03) 9248 6888
Emergency Telephone Number: 1800 033 111 – Orica SH&E Shared Services

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD
May irritate eyes and skin. Not flammable.

Hazard designation: Not classified as hazardous according to the criteria of Worksafe Australia
Risk phrases: Not applicable
Safety phrases: Not applicable
ADG classification: Not "dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
SUSDP classification: Schedule 5 (Standard for the Uniform Scheduling of Drugs and Poisons)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Concentration (g/kg):
Triadimefon	[43121-43-3]	50
Other ingredients (non-hazardous)	-	950

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4. FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this Material Safety Data Sheet to a doctor.

- Inhalation:** Remove the patient to fresh air and make comfortable. Ensure that patient is kept at rest.
- Skin contact:** If product on skin immediately wash area thoroughly with soap and water. Remove all contaminated clothing.
- Eye contact:** If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical advice.
- Ingestion:** If swallowed rinse mouth with water. Seek medical advice.
- First Aid Facilities:** Provide washing facilities in the workplace.
- Symptoms:** No specific symptoms of poisoning should be expected.
- Medical attention:** The application of activated charcoal and sodium sulphate is always advisable in significant ingestions. As there is no antidote, treatment has to be symptomatic and supportive.

5. FIRE FIGHTING MEASURES

- Extinguishing media:** Water fog or foam
- Hazards from combustion products:** If involved in a fire, oxides of nitrogen and carbon may be emitted.
- Precautions for fire fighters:** Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Sweep up spilled material. Flush affected area with water.

7. HANDLING AND STORAGE

- Handling:** Keep out of reach of children.
- Storage:** Store in the tightly closed original container in a dry, well ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Do not store near any material intended for use or consumption by humans or animals.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: NOHSC exposure standards have not been assigned for the active ingredient nor the excipients in the formulation.

Engineering controls: Not applicable

Personal Protective Equipment: Personal Protective Measures:
Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Do not inhale dust.
Personal Protective Equipment:
When preparing spray, wear elbow-length PVC gloves.
Industrial Hygiene:
After use, wash hands thoroughly.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White wettable powder
Odour: Weak characteristic odour
Vapour pressure: Not applicable
Vapour density: Not applicable
Boiling point: Not applicable
Freezing/melting point: 72-78°C
Solubility: Dispersible
Density: Not applicable
pH: Not applicable
Flash Point: Does not have a flashpoint
Flammability (explosive) limits: Not available
Auto-ignition temperature: Not available
Octanol/water partition coefficient: Not available
Formulation: Dispersible powder to control fungus

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Hazardous polymerisation: Hazardous polymerisation will not occur

Conditions to avoid: Not available

Incompatible materials: Not available.

Hazardous decomposition products: If involved in a fire, gaseous oxides of nitrogen and carbon may be emitted.

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11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Inhalation:	May produce respiratory irritation if inhaled.
Skin contact:	Prolonged exposure may cause irritation to skin.
Eye contact:	Mild eye irritant.
Ingestion:	May be harmful if swallowed.
Other:	None

ANIMAL TOXICITY DATA – PRODUCT: No data available for the product.

ANIMAL TOXICITY DATA – INDIVIDUAL INGREDIENTS:

Acute:

Oral toxicity:	LD ₅₀ rat: 1000 mg/kg (triadimefon)
Dermal toxicity:	LD ₅₀ rat: >5000 mg/kg (triadimefon)
Inhalation toxicity:	LC ₅₀ (4h): 3.27 mg/L (dust); >0.5 mg/L (air) (triadimefon)
Skin irritation:	Mildly irritating (triadimefon)
Eye irritation:	Mildly irritating (triadimefon)
Sensitisation:	Not available

Chronic:

Animal studies have shown no evidence of oncogenic effect, no evidence of carcinogenic effects and no teratogenic potential.

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12. ECOLOGICAL INFORMATION

Dangerous to fish. Do NOT contaminate ponds, waterways or drains with the chemical or used container.

Fish toxicity:	Triadimefon LC ₅₀ (96h): 11 mg/L bluegill sunfish 13.8 mg/L orfe 17.4 mg/L rainbow trout
Daphnia toxicity:	Triadimefon LC ₅₀ (48h): 11.3 mg/L
Toxicity to algae:	Triadimefon E _r C ₅₀ : 1.71 mg/L
Bird toxicity:	Triadimefon LD ₅₀ : >4000 mg/kg mallard ducks
Bee toxicity:	Triadimefon LD ₅₀ (contact): >100 µg/bee
Other:	None
Environmental fate, persistence and degradation:	Not available

13. DISPOSAL CONSIDERATIONS

Dispose of empty rinsed container by wrapping in paper, placing in a plastic bag and putting in household rubbish.

14. TRANSPORT INFORMATION

UN number:	Not applicable
Proper shipping name:	Not applicable
Class and Subsidiary Risk:	Not "dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Packing Group:	Not applicable
EPG:	Not applicable
Hazchem code:	Not applicable
Marine pollutant:	No

15. REGULATORY INFORMATION

Registered according to the Agricultural and Veterinary Chemicals Act 1988

Australian Pesticides and Veterinary Medicines Authority Approval Number: 30513

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16. OTHER INFORMATION

Trademark

information: Bayleton® is a Registered Trademark of Bayer

Preparation

information: Replaces October 20th, 2002 edition.
Reason for update: First Aid Measures, Toxicological Information, Ecological Information.

Data sources:

Bayer CropScience Pty Ltd product safety data and published data

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS 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.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

END OF MSDS