

# MATERIAL SAFETY DATA SHEET

RAXIL T FLOWABLE SEED DRESSING  
A09373



Effective August 1, 2002

## Statement of Hazardous Nature

Not classified as hazardous according to criteria of the National Occupational Health and Safety Commission.

## COMPANY DETAILS:

Company: Bayer CropScience Pty Ltd ABN 87 000 226 022  
Address: 391 - 393 Tooronga Road, East Hawthorn  
Victoria 3123 Australia  
Telephone/Facsimile: (03) 9248 6888/(03) 9248 6800  
Website Address: [www.bayercropscience.com.au](http://www.bayercropscience.com.au)  
Emergency Telephone Number: 1800 033 111 – Orica SH&E Shared Services

## Identification

Product Name

### RAXIL T FLOWABLE SEED DRESSING

Issued	August 1, 2002	Supersedes	01/04/1998		
UN No.	None	Hazardous?	No	Hazchem	None
DG Class	None	Poison Schedule	S5	Product Code	67300
Sub Risk	None	Packing Group	None	EPG	None

## Uses

Fungicidal seed dressing for the control of diseases as specified on the product label, and the protection against insect pests of stored grain.

## Application Methods

Product Descriptor: RAXIL T 029 FS  
Proper Shipping Name: none  
Chemical Characterisation: 25 g/L tebuconazole  
alpha-tert-butyl-alpha-(para-chlorophenylethyl)-1H-1,2,4-triazole-1-ethanol  
Chemical Group: triazole derivative  
Chemical Characterisation: 4 g/L triflumuron  
1-(2-Chlorobenzoyl)-3-(4-trifluoromethoxyphenyl) urea  
Chemical Group: benzoylurea

## Physical Description/Properties

Form: suspension concentrate  
Colour: red  
Odour: weak characteristic odour  
Solubility in Water: insoluble

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## Ingredients

Ingredient	CAS Nr	Proportion
Tebuconazole	107534-96-3	25 g/L
Triflumuron	64628-44-0	4 g/L
Dyes		Low
Glycerine	56-81-5	Med
Emulsifier		Low
Clay carrier		Low
Other inerts		V Low
Water	7732-18-5	V High

Proportion (% weight/weight): V Low = <1%; Low = 1-9 %; Med = 10-29%; V High = >60%

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## Health Hazard Information

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### Health Effects

No adverse health effects are expected if this product is used in accordance with the label. No specific symptoms of poisoning should be expected. Prolonged exposure may cause irritation.

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

### First Aid

If poisoning occurs contact a doctor or Poisons Information Centre (telephone 13 11 26).

### Skin

Remove contaminated clothing and wash skin thoroughly with soap and water.

### Eye

Irrigate eyes immediately with water for 15 minutes.

### Inhaled

Remove patient to fresh air. Keep rested and warm.

### Advice to Doctor

Apply basic aid and decontamination procedures. Treat symptomatically.

Antidote: none known

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## Precautions for Use

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### Exposure Standards

NOHSC exposure standards have not been assigned for the active ingredient or the excipients in the formulation.

### Engineering Controls

Not applicable.

### Personal Protection

Personal Protective Measures:

Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Do not touch treated seed.

Personal Protective Equipment:

When preparing the spray mixture wear elbow-length PVC gloves.

Industrial Hygiene:

If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product or spray on skin, immediately wash the area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash contaminated clothing, gloves etc. with detergent and water.

### Flammability

Protection Against Fire:

Product is stable. Avoid strong oxidising agents. Keep away from sources of ignition.

Not flammable under normal conditions of use.

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## Safe Handling Information

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### Storage

Keep out of reach of children. 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. When treated seed is stored it should be kept apart from other grain and it should be clearly marked to indicate that the contents have been treated with Raxil T Flowable Seed Dressing. Do NOT allow seed treated with this product to contaminate seed intended for human consumption. Do NOT use treated seed for human consumption. Do NOT allow seed treated with this product to contaminate seed intended for animal consumption.

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## Transport

Classification according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)

Shipping name:	None	UN No:	None	Hazchem:	None
Packing group:	None	Sub Risk:	None		
DG Class:	None				

## Dangerous Goods / Hazardous Substances Regulation

This product is subject to the following regulations:  
Standard for the Uniform Scheduling of Drugs and Poisons

## Spills

Prevent spill from spreading or entering waterways or drains. Take up with absorbent material such as sawdust, peat or binding agent for chemicals. Fill material along with any contaminated soil etc. into sealable containers. Clean affected area with an aqueous detergent and a small amount of water. Absorb this with hydrated lime and place in a sealable drum. On completion of clean-up remove and wash all protective clothing and equipment with detergent and water. Any heavily contaminated clothing should be placed in a plastic garbage bag and placed in a sealable drum. Do not smoke, eat or drink during the clean-up operation.

## Disposal

### 1) After intended use:

Triple or (preferably) pressure rinse container before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on site. Break, puncture, crush and bury rinsed container in a local authority landfill (check local statutory requirements). If not available, bury the container below 500 mm in a marked disposal pit specifically set up for this purpose, clear of waterways, vegetation and roots. Empty container and product should not be burnt. Bags which have held treated seed should not be used for any other purpose.

### 2) After spill or accident:

Dispose of sealed containers at an approved local waste disposal site.

## Fire/Explosion Hazard

Dangerous Decomposition or Combustion Products:

Hazardous polymerisation will not occur.

Hazardous Decomposition Products:

If involved in a fire; hydrochloric acid gas and oxides of nitrogen may be emitted.

Hazardous Reactions: none

Extinguishing Media: water fog or foam

## Further Information:

Special firefighting procedures: Wear full protective clothing and self-contained breathing apparatus.

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## Other Information

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### Information on Toxicity

(a) Tebuconazole component:

LD50 oral (ingestion) - rat: 4264-5000 mg/kg i.e. practically non-toxic

LD50 dermal (skin contact) - rat: >5000 mg/kg i.e. practically non-toxic

LC50 inhalation - rat: 818 mg/cu.m. i.e. practically non-toxic

Eyes: mild irritant

(b) Triflumuron component:

LD50 oral (ingestion) - rat: >5000 mg/kg i.e. practically non-toxic

LD50 dermal (skin contact) - rat: >5000 mg/kg i.e. practically non-toxic

LC50 inhalation - rat: 50 mg/cu.m. i.e. practically non-toxic

### Information on Ecological Effects

Harmful to fish and aquatic arthropods. Do NOT contaminate dams, rivers, ponds, waterways or drains with this product, used containers or bags which have held treated seed. Do NOT feed treated seed or otherwise expose to wild or domestic birds.

## DISCLAIMER

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.