

# MATERIAL SAFETY DATA SHEET

## TRIBUNIL HERBICIDE SPRAY

A09394



Bayer CropScience

Effective August 1, 2002

### Statement of Hazardous Nature

Hazardous according to criteria of the National Occupational Health and Safety Commission.

### COMPANY DETAILS:

Company: Bayer CropScience Pty Ltd ABN 87 000 226 022  
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Victoria 3123 Australia  
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Emergency Telephone Number: 1800 033 111 – Orica SH&E Shared Services

### Identification

Product Name

## TRIBUNIL HERBICIDE SPRAY

Issued	August 1, 2002	Supersedes	01/04/1998		
UN No.	None	Hazardous?	Yes	Hazchem	None
DG Class	None	Poison Schedule	S5	Product Code	67885
Sub Risk	None	Packing Group	None	EPG	None

### Uses

Herbicide for the control of weeds as specified on the label.

### Application Methods

Product Descriptor: TRIBUNIL 700 WP  
Proper Shipping Name: none  
Chemical Characterisation: 700 g/kg methabenzthiazuron  
N-2-benzothiazolyn-N, N'-dimethylurea  
Chemical Group: urea compound

### Physical Description/Properties

Form: wettable powder  
Colour: beige  
Odour: weak  
Change in Physical State: melting point (degrees C): 120 (active constituent)  
boiling point (degrees C): not applicable  
Density (kg/litre): not established  
pH Value: 7.4 (1% in water)

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## Ingredients

Ingredient	CAS Nr	Proportion
Methabenzthiazuron	18691-97-9	700 g/kg
Wetting agent		V Low
Dispersing agent		Low
Clay & carrier		Med

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

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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. Unlikely to cause poisoning.

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.

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## Personal Protection

Personal Protective Measures:

Avoid contact with eyes, skin and clothing during mixing/pouring operations. Ensure adequate ventilation. Do not inhale spray mist or vapour.

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

### 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. Keep out of contact with fertilisers, insecticides, fungicides and seeds.

### 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 vacuum or dustpan. 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 over the affected area. 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.

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## Disposal

1) After intended use:

Completely empty bag into pre-mix bucket. Single rinse before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemical on site. Puncture and bury empty container in a local landfill (check 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.

2) After spill or accident:

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

## Fire/Explosion Hazard

Dangerous Decomposition or Combustion Products:

Thermal Decomposition:

Hazardous polymerisation will not occur.

Hazardous Decomposition Products:

If involved in a fire: oxides of nitrogen, sulphur dioxide

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

### Information on Toxicity

LD50 Oral (ingestion) - Rat: >10000 mg/kg i.e. practically non-toxic

LD50 Dermal (skin) - Rat: > 1000 mg/kg i.e. harmful

These data refer to studies performed by Bayer on the active constituent

### Information on Ecological Effects

Do NOT contaminate dams, rivers, streams or drains with product or used containers.

## 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.