

**Material Safety Data Sheet**

A09479/03

**Product Name FOLICUR 430 SC FUNGICIDE**

**Statement of Hazardous Nature**

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

**Company Address:** Bayer Australia Limited                      Emergency Phone 1800 033 111  
 875 Pacific Highway    (24 Hrs Toll Free)  
 PYMBLE NSW 2073    Phone (02) 9391-6000

**Identification**

**Product Name FOLICUR 430 SC FUNGICIDE**

<b>Issued</b>	1/4/1998	<b>Supersedes</b>			
<b>UN No</b>	None	<b>Hazardous?</b>	No	<b>Hazchem</b>	None
<b>DG Class</b>	None	<b>Poison Schedule</b>	S5	<b>Prod. Code</b>	20280
<b>Sub Risk</b>	None	<b>Packing Group</b>	None	<b>EPG No</b>	

**Uses**                      Agricultural fungicide for the control of diseases as specified on the product label.

Product Descriptor: FOLICUR 430 SC

Proper Shipping Name: none

Chemical Characterisation: 430 g/L tebuconazole

Chemical Group: triazole derivative

**Physical Description/Properties**

Form: liquid suspension  
 Colour: off-white  
 Odour: characteristic weak smell  
 Density: 1.12  
 Viscosity: 800-1200 Brookfield, cps at 25 degrees C  
 Solubility in Water: miscible  
 pH Value: 4.0-7.0  
 Flash point: does not have a flash point

**Ingredients**

<b>Chemical</b>	<b>CAS No.</b>	<b>Proportion</b>
Tebuconazole	107534-96-3	430 g/L
Emulsifiers		Med
Water		High

Proportion (% weight/weight): Med = 10-29%; High = 30-60%

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A09479/03

Product Name FOLICUR 430 SC FUNGICIDE

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**Health Hazards**

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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.

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

**Swallowed**

Harmful if swallowed

**Skin**

Will irritate the skin.

**Eye**

Will irritate the eyes.

**First Aid**

If poisoning occurs contact a doctor or Poisons Information Centre.

**Skin**

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

**Eye**

If in eyes, hold eyes open and flood with water for at least 15 minutes and see a doctor.

**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 allocated for the active constituent nor the excipients in the formulation.

**Engineering Controls**

Not applicable.

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A09479/03

Product Name FOLICUR 430 SC FUNGICIDE

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**Precautions for Use**

(Continued)

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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 opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and 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:**

Keep away from strong oxidising agents. 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.

**Transport**

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

Shipping name: None

Packing group: None

UN No: None

DG Class: None

Sub Risk: None

Hazchem: None

Dangerous Goods / Hazardous Substances Regulation

This product is subject to the following regulations:

Standard for the Uniform Scheduling of Drugs and Poisons

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A09479/03

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**Safe Handling Information**

(Continued)

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**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.

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 Decomposition products: in the event of fire, the formation of hydrogen chloride, hydrogen cyanide, carbon monoxide and nitrogen oxides must be anticipated.

Hazardous Reactions: avoid strong oxidising agents.

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**

LD50 oral (ingestion))

- rat male: >5000 mg/kg i.e. practically non-toxic

- rat female: 3352-3933 mg/kg i.e. practically non-toxic

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

LC50 inhalation - >818 mg/cubic metre air i.e. practically non-toxic

These data refer to the active constituent.

Eye: mild eye irritant

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**Other Information**

**(Continued)**

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**Information on Ecological Effects**

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

Fish toxicity: (active ingredient)

LC50: 6.4 mg/L (96h); rainbow trout (*Salmo gairdneri*)

LC50: 8.7 mg/L (96h); golden orfe (*Leuciscus idus*)

LC50: 5.7 mg/L (96h); bluegill (*Lepomis macrochirus*)

**Contact Point (for non-emergency calls)**

Product safety coordinator of Business Group: Crop Protection

Telephone Number: (02) 9391-6000

**DISCLAIMER**

This Material Safety Data Sheet has been developed according to the WORKSAFE/NOHSC Code of Practice.

The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof.

The purpose of this Material Safety Data Sheet is to describe product in terms of their safety requirements.

Bayer Australia Limited makes no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers ("the product").

The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to the use of the product.

The physical data shown herein are typical values based on the material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.

Due care should be taken to make sure that the use or disposal of this product and/or its packaging is in compliance with relevant Federal, State and Local Government regulations.