

**FOLICUR 1L (IE)**Version 2 / IRL  
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Revision Date: 16.11.2004  
Print Date: 16.11.2004**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name	FOLICUR 1L (IE)
Product code (UVP)	04407040
Usage	fungicide
Company	Bayer CropScience Bayer Ltd Chapel Lane, Swords CO Dublin Ireland
Telephone	+353-1-8132222
Telefax	+353-1-8132288
Emergency telephone number	1800-409-399

**2. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**Emulsion, oil in water (EW)  
Tebuconazole 250 g/l**Hazardous components**

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrased(s)	Concentration [%]
Tebuconazole	107534-96-3	Xn, N	R22, R51/53, R63	25.90
N,N-Dimethyldecan amide	14433-76-2 238-405-1	Xn	R22, R38, R41	60.00

**3. HAZARDS IDENTIFICATION****Risk advice to man and the environment**

Harmful by inhalation and if swallowed.  
Risk of serious damage to eyes.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Possible risk of harm to the unborn child.

**4. FIRST AID MEASURES****General advice**

Move out of dangerous area. If the patient is likely to become unconscious, place and transport in stable sideways position. Remove soiled or soaked clothing immediately.

**Inhalation**

Move the patient to fresh air and keep at rest. Call a physician immediately.

**Skin contact**

Wash off immediately with soap and plenty of water. Take medical treatment.

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In case of contact with eyes rinse thoroughly with water. Call a physician immediately.

**Ingestion**

Do not induce vomiting. Wash out mouth with water. Call a physician immediately.

**Notes to physician****Treatment**

Treat symptomatically.

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**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**water spray  
carbon dioxide (CO<sub>2</sub>)  
foam  
sand**Specific hazards during fire fighting**In the event of fire the following can be released:  
hydrogen chloride (HCl)  
hydrogen cyanide (hydrocyanic acid)  
carbon monoxide (CO)  
nitrogen oxides (NO<sub>x</sub>)**Special protective equipment for fire-fighters**In the event of fire and/or explosion do not breathe fumes.  
Use breathing apparatus.**Further information**Contain the spread of the fire-fighting media.  
Do not allow run-off from fire fighting to enter drains or water courses.

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**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**Avoid contact with spilled product or contaminated surfaces.  
Wear personal protective equipment. Unprotected persons must be kept away.**Environmental precautions**Keep people and animals away.  
Do not allow spilt product to enter soil or waterways  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Local authorities should be advised if significant spillages cannot be contained.**Methods for cleaning up**Take up with absorbent material (e.g. sand, earth or a proprietary absorbent material).  
Clean contaminated floors and objects thoroughly, observing environmental regulations  
Pack spilled material in suitable containers for recovery or disposal.**Additional advice**Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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**7. HANDLING AND STORAGE**

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Advice on safe handling

Use only in area provided with appropriate exhaust ventilation.

**Storage**

Requirements for storage areas and containers

Keep container tightly closed in a dry and well-ventilated place.

Store in a place accessible by authorized persons only.

Store in original container.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Storage stability

Storage temperature &lt; 50 °C

Other data Do not store at temperatures below -10 °C. The storage temperature should not exceed 50 °C

Suitable materials

HDPE (high density polyethylene)

coextruded polymer barrier

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

Respiratory protection If product is handled while not enclosed, and if skin contact may occur:

Full mask

Multi-range filter ABEK/P2

Hand protection solvent-resistant gloves

Eye protection Chemical resistant goggles must be worn.

Skin and body protection Light protective clothing, PVC  
PVC boots

Hygiene measures

Avoid contact with skin, eyes and clothing.

Keep working clothes separately.

Wash hands before breaks and at the end of workday.

Remove soiled or soaked clothing immediately and clean thoroughly before using again.

Garments that cannot be cleaned must be destroyed (burnt).

Protective measures

If product is handled while not enclosed, and if skin contact may occur:  
complete suit protecting against chemicals**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form liquid

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Colour	yellowish
Odour	aromatic
<b>Safety data</b>	
Flash point	> 172 °C
Ignition temperature	345 °C
Density	ca. 0.97 g/ml at 20 °C
Water solubility	emulsifiable
Viscosity, kinematic	34.1 mm <sup>2</sup> /s at 20 °C
Surface tension	28.6 mN/m at 20 °C
Explosivity	Not explosive

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**10. STABILITY AND REACTIVITY**

Conditions to avoid	Extremes of temperature and direct sunlight.
Materials to avoid	None.
Hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions. Stable under recommended storage conditions.

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**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity	LD50 (rat) > 200 - < 2,000 mg/kg
Acute inhalation toxicity	LC50 (rat) ca. 5 mg/l Exposure time: 4 h (as aerosol)
Acute dermal toxicity	LD50 (rat) > 4,000 mg/kg
Skin irritation	non-irritant (rabbit)
Eye irritation	Risk of serious damage to eyes. (rabbit)
Sensitization	Non-sensitizing (guinea pig) OECD 406, Buehler test
Sensitization	Non-sensitizing (guinea pig) OECD Test Guideline 406, Magnusson & Kligman test

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**12. ECOLOGICAL INFORMATION****Ecotoxicity effects**

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Toxicity to fish	LC50 (Rainbow trout (Oncorhynchus mykiss)) 9.28 mg/l Exposure time: 96 h
Toxicity to daphnia	EC50 (Water flea (Daphnia magna)) 7.3 mg/l Exposure time: 48 h
Toxicity to algae	EC50 (Pseudokirchneriella subcapitata) 3.51 mg/l Growth rate Exposure time: 72 h

**13. DISPOSAL CONSIDERATIONS****Product**

In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority

**Contaminated packaging**

Packaging that cannot be cleaned should be disposed of as product waste.  
Rinsed packaging may be acceptable for landfill, otherwise incineration will be required in accordance with local regulations.

**Waste key for the unused product**

020108 agrochemical waste containing dangerous substances

**14. TRANSPORT INFORMATION****ADR/RID/ADNR**

UN-No	<b>3082</b>
Labels	9
Packaging group	III
Hazard no.	90
Description of the goods	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TEBUCONAZOLE SOLUTION)

**IMDG**

UN-No	<b>3082</b>
Class	9
Packaging group	III
Marine pollutant	Marine pollutant
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TEBUCONAZOLE SOLUTION )

**IATA**

UN-No	<b>3082</b>
Class	9
Packaging group	III
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TEBUCONAZOLE SOLUTION )

**15. REGULATORY INFORMATION**

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Classification and labelling in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.

Hazardous components which must be listed on the label:

- Tebuconazole
- N,N-Dimethyldecan amide

## Symbol(s)

Xn	Harmful
N	Dangerous for the environment

## R-phrase(s)

R20/22	Harmful by inhalation and if swallowed.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.

## S-phphrase(s)

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35	This material and its container must be disposed of in a safe way.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S57	Use appropriate container to avoid environmental contamination.

## Exceptional labelling

To avoid risks to man and the environment, comply with the instructions for use.

## Further information

WHO-classification: II (Moderately hazardous)

**16. OTHER INFORMATION****Further information**

Text of R phrases mentioned in Section 2:

R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.

The information given in this Data Sheet has been included in accordance with the guidelines established by EC Directive 1991/155/EC as amended. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.
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