

**SCORPIO WG50 20X250GR BOX GB**Version 1 / GB  
102000077981/7  
Revision Date: 14.02.2005  
Print Date: 17.02.2005**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name SCORPIO WG50 20X250GR BOX GB  
Product code (UVP) 05584493  
Usage fungicide  
Company Bayer Environmental Science  
Durkan House  
214-224 High Street  
Waltham Cross  
Hertfordshire EN8 7DP  
Great Britain

Telephone +44(0)1992 784270  
Telefax +44(0)1992 784276  
Emergency telephone number 0800-220876 ( UK only )  
+44(0)1223-870312

**2. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**

Water dispersible granules (WG)  
Trifloxystrobin 50 %

**Hazardous components**

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrases	Concentration [%]
Trifloxystrobin (ISO)	141517-21-7	Xi, N	R43, R50/53	50.00
Dibutyl naphthalenesulfonic acid, sodium salt	25417-20-3 246-960-6	Xn	R20/22, R36/38	5.00
Diatomaceous earth	61790-53-2			> 5.00 - < 25.00

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

May cause sensitization by skin contact.  
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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. Also heed the risks to your own person.

**Inhalation**

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



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### Skin contact

Wash off immediately with soap and plenty of water. Call a physician immediately.

### Eye contact

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 cyanide (hydrocyanic acid)  
hydrogen fluoride  
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 discharge into the drains/surface water/groundwater.  
If spillage enters drains leading to sewage works inform local water company immediately.  
If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).

### Methods for cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.  
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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Advice on safe handling

Use only in area provided with appropriate exhaust ventilation.

**Storage**

Requirements for storage areas and containers

Keep container tightly closed.

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 The storage temperature should not exceed 50 °C.

Suitable materials

Only use containers that are approved specifically for the substance/product.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Refer to COSHH assessment (Control of substances Hazardous to Health Regulations 1999 as amended). Engineering controls should be used in preference to personal protective equipment wherever practicable.

**Components with workplace control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Diatomaceous earth (Respirable dust.)	61790-53-2	1.2 mg/m <sup>3</sup> (TWA)	2003	EH40 OES
Diatomaceous earth (Total inhalable dust.)	61790-53-2	10 mg/m <sup>3</sup> (TWA)	2003	EH40 (UK)
Diatomaceous earth (Respirable dust.)	61790-53-2	4 mg/m <sup>3</sup> (TWA)	2003	EH40 (UK)

**Personal protective equipment**

Respiratory Protection

If product is handled while not enclosed, and if skin contact may occur:  
Dust mask

Hand Protection

PVC or other plastic material gloves

Eye protection

tightly fitting safety goggles

Skin and body protection

Light protective clothing, PVC  
PVC boots

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- Avoid contact with skin, eyes and clothing.
- Keep working clothes separately.
- Wash hands immediately after work, if necessary take a shower.
- 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

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form	granular
Colour	light brown
Odour	slight, specific odour

**Safety data**

Water Solubility	dispersible
Impact Sensitivity	Not impact-sensitive

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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) > 2,000 mg/kg Test conducted with a similar formulation.
Acute Dermal Toxicity	LD50 (rat) > 2,000 mg/kg Test conducted with a similar formulation.
Skin Irritation	slight irritant effect - does not require labelling (rabbit) Test conducted with a similar formulation.
Eye Irritation	slight irritant effect - does not require labelling (rabbit) Test conducted with a similar formulation.
Sensitization	sensitizing (guinea pig) OECD Test Guideline 406, Magnusson & Kligman test Test conducted with a similar formulation.

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Sensitization	Non-sensitizing (guinea pig) OECD 406, Buehler test Test conducted with a similar formulation.
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**12. ECOLOGICAL INFORMATION****Ecotoxicity effects**

Toxicity to Fish	LC50 (Rainbow trout ( <i>Oncorhynchus mykiss</i> )) 0.036 mg/l Exposure time: 96 h
Toxicity to daphnia	EC50 (Water flea ( <i>Daphnia magna</i> )) 0.01 mg/l Exposure time: 48 h
Toxicity to algae	EC50 ( <i>Pseudokirchneriella subcapitata</i> ) 0.15 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  
Can be landfilled or incinerated, when in compliance with local regulations.  
Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).

**Contaminated packaging**

Packaging that cannot be cleaned should be disposed of as product waste.  
Empty containers can be landfilled after cleaning, when in compliance with local regulations.

**Waste key for the unused product**

020108 agrochemical waste containing dangerous substances

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

UN-No	<b>3077</b>
Labels	9
Packaging group	III
Hazard no.	90
Description of the goods	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (TRIFLOXYSTROBIN)

**IMDG**

UN-No	<b>3077</b>
Class	9
Packaging group	III
EmS	F-A , S-F
Marine pollutant	Marine pollutant
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

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(TRIFLOXYSTROBIN )

**IATA**

UN-No	<b>3077</b>
Class	9
Packaging group	III
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (TRIFLOXYSTROBIN )

**UK 'Carriage' Regulations**

UN-No	<b>3077</b>
Labels	9
Packaging group	III
Hazard no.	90
Emergency action code	2Z
Description of the goods	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (TRIFLOXYSTROBIN)

Classification according to 'The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2004' and any subsequent amendments.

**15. REGULATORY INFORMATION**

This product has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3.

Classification:

Labelling according to EEC Directive

Hazardous components which must be listed on the label:

- Trifloxystrobin (ISO)
- Dibutyl naphthalenesulfonic acid, sodium salt

Symbol(s)

Xi	Irritant
N	Dangerous for the environment

R-phrases)

R43	May cause sensitization by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S24	Avoid contact with skin.
S35	This material and its container must be disposed of in a safe way.
S37	Wear suitable gloves.
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: III (Slightly hazardous)

**16. OTHER INFORMATION**



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### Further information

Text of R phrases mentioned in Section 2:

R20/22	Harmful by inhalation and if swallowed.
R36/38	Irritating to eyes and skin.
R43	May cause sensitization by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The above information is intended to give general health and safety guidance on the storage and transport of the product.

It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate.

No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

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