

**NATIVO 75 WG**Version 3 / GB  
102000011273

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Revision Date: 30.03.2009

Print Date: 30.03.2009

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name NATIVO 75 WG  
Product code (UVP) 06418015  
Usage Fungicide  
Company Bayer CropScience Limited  
230 Cambridge Science Park  
Milton Road  
Cambridge  
Cambridgeshire CB4 0WB  
Great Britain

Telephone +44(0)1223 226500  
Telefax +44(0)1223 426240  
Responsible Department Email: ukinfo@bayercropscience.com

Emergency telephone number 0800-220876 (UK 24 hr)  
+44(0)1603-242424 (Overseas 24 hr)

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

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Possible risk of harm to the unborn child.

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

Water dispersible granules (WG)  
Trifloxystrobin 25%, Tebuconazole 50%

**Hazardous components**

Chemical Name	CAS-No. / EC-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Trifloxystrobin	141517-21-7	Xi, N	R43, R50/53	25.00
Tebuconazole	107534-96-3 4036402	Xn, N	R22, R51/53, R63	50.00
Alkylaryl sulfonate		Xn	R20/22, R41, R52/53	> 1.00 - < 25.00
Methylene-linked condensation product of arylsulphonic, sodium salts	90387-57-8 291-331-1		R52/53	> 1.00 - < 25.00
Kaolin	1332-58-7 310-127-6			> 1.00

For the full text of the R-phrases mentioned in this Section, see Section 16.



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### 4. FIRST AID MEASURES

#### General advice

Remove contaminated clothing immediately and dispose of safely. Move out of dangerous area. Place and transport victim in stable position (lying sideways).

#### Inhalation

Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.

#### Skin contact

Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water.

#### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

#### Ingestion

Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth.

#### Notes to Physician

#### Treatment

Treat symptomatically.  
Gastric lavage is not normally required. However, if a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate.

### 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 may be released:  
Hydrogen cyanide (hydrocyanic acid)  
Carbon monoxide (CO)  
Hydrogen chloride (HCl)  
Nitrogen oxides (NO<sub>x</sub>)  
Hydrogen fluoride (HF)

#### Special protective equipment for fire-fighters

In the event of fire, wear self-contained 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.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions

Avoid contact with spilled product or contaminated surfaces.  
Use personal protective equipment.

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**Environmental Precautions**

Do not allow to get into surface water, drains and ground water.  
 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**

Clean contaminated floors and objects thoroughly, observing environmental regulations.  
 Keep in suitable, closed containers for disposal.

**Additional Advice**

Information regarding personal protective equipment, see section 8.  
 Information regarding waste disposal, see section 13.

**7. HANDLING AND STORAGE****Handling**

Advice on safe handling

Use only in area provided with appropriate exhaust ventilation.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Take measures to prevent the build up of electrostatic charge.

**Storage**

Requirements for storage areas and containers

Store in a place accessible by authorized persons only.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Temperature tolerance

-20 °C to 40 °C

Suitable materials

Aluminium composite film (min. 0,007 mm Aluminium)

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Refer to COSHH assessment (Control of Substances Hazardous to Health (Amendment) Regulations 2004). Engineering controls should be used in preference to personal protective equipment wherever practicable. Refer also to COSHH Essentials.

**Components with workplace control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Trifloxystrobin	141517-21-7	2.7 mg/m <sup>3</sup>		OES BCS*
Tebuconazole	107534-96-3	0.2 mg/m <sup>3</sup>		OES BCS*
Kaolin (Respirable dust.)	1332-58-7	2 mg/m <sup>3</sup> (TWA)	2007	EH40 WEL

\*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

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Print Date: 30.03.2009**Personal protective equipment**

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory Protection	Wear respirator with a particle filter mask (protection factor 4) conforming to European norm EN149FFP1 or equivalent. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.
Hand protection	Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.
Eye protection	Wear goggles conforming to EN166 (Field of Use 5 or equivalent).
Skin and body protection	Wear standard coverall and type 5 suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.
Hygiene measures	Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands immediately after work, if necessary take a shower. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt). Wash hands before breaks and immediately after handling the product.

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

Form	water-dispersible granules
Colour	white
Odour	weak, characteristic

**Safety data**

pH	7.0 - 9.0 at 1 % (20 °C)
Flammability (solid, gas)	The product is not highly flammable.
Autoignition Temperature	280 °C
Water solubility	dispersible
Explosivity	Not explosive.

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**10. STABILITY AND REACTIVITY**

Conditions to Avoid	Extremes of temperature and direct sunlight.
Hazardous Reactions	No hazardous reactions when stored and handled according to prescribed instructions.

**11. TOXICOLOGICAL INFORMATION**

Acute Oral Toxicity	LD50 (rat) $\geq$ 5,000 mg/kg
Acute Dermal Toxicity	LD50 (rat) > 2,000 mg/kg
Skin Irritation	No skin irritation. (rabbit)
Eye Irritation	No eye irritation. (rabbit)
Sensitization	Non-sensitizing. (guinea pig) OECD Test Guideline 406, Magnusson & Kligman test

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

Toxicity to Fish	LC50 (Rainbow trout ( <i>Oncorhynchus mykiss</i> )) 0.064 mg/l Exposure time: 96 h
Toxicity to daphnia	LC50 (Water flea ( <i>Daphnia magna</i> )) 0.0138 mg/l Exposure time: 48 h
Toxicity to algae	EC50 ( <i>Pseudokirchneriella subcapitata</i> ) > 0.150 mg/l Growth rate; Exposure time: 72 h

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

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

Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).

**Contaminated packaging**

Small containers (< 10 l or < 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times.

Add washings to sprayer at time of filling.

Dispose of empty and cleaned packaging safely.

Large containers (> 25 l or > 25 kg) should not be rinsed or re-used for any other purpose.

Return large containers to supplier.

Follow advice on product label and/or leaflet.

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**Waste key for the unused product**

020108 agrochemical waste containing dangerous substances

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

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

**IMDG**

UN-Number	<b>3077</b>
Labels	9
Packaging group	III
EmS	F-A , S-F
Marine pollutant	Marine pollutant
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (TEBUCONAZOL, TRIFLOXYSTROBIN MIXTURE)

**IATA**

UN-Number	<b>3077</b>
Labels	9
Packaging group	III
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (TEBUCONAZOL, TRIFLOXYSTROBIN MIXTURE )

**UK 'Carriage' Regulations**

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

**15. REGULATORY INFORMATION**

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

Classification:

Labelling according to EC Directives

Hazardous components which must be listed on the label:

- Trifloxystrobin
- Tebuconazole

Symbol(s)

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Xn	Harmful
N	Dangerous for the environment
R-phrase(s)	
R63	Possible risk of harm to the unborn child.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrase(s)	
S35	This material and its container must be disposed of in a safe way.
S36/37	Wear suitable protective clothing and gloves.
S57	Use appropriate container to avoid environmental contamination.

**|| CLASSIFICATION ACCORDING TO SPECIFIC UK REGULATIONS:**

**|| The labelling information below is that which has been approved under 'The Control of Pesticides Regulations 1986' and/or 'Part III of the Food and Environment Protection Act 1985' and/or 'Plant Protection Product Regulations 1999' and any subsequent amendments and may differ from that indicated by any toxicological and/or other testing otherwise indicated in this 'Safety Data Sheet'.**

Symbol(s)	
Xn	Harmful
N	Dangerous for the environment
R-phrase(s)	
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.
S-phrase(s)	
S 2	Keep out of the reach of children.
S13	Keep away from food, drink and animal feedingstuffs.
S35	This material and its container must be disposed of in a safe way.
S36/37	Wear suitable protective clothing and 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.
- || Contains trifloxystrobin. May produce an allergic reaction.

## Further information

WHO-classification: III (Slightly hazardous)

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

Text of R-phrases mentioned in Section 3

R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.

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.