

Trade name 5.1.1.c Woo

Product no.: 5.1.1.c Woo

Status: 02.12.2010

Version: 2.0.0 / GB

1.) Identification of the substance/mixture and of the company/undertaking

Trade name

5.1.1.c Woo

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture

Fungicide

Details of the supplier of the safety data sheet

Address

5.1.1.c Woo

Information provided by / telephone

5.1.1.c Woo

Emergency telephone

5.1.1.c Woo

Advice on Safety Data Sheet

5.1.1.c Woo

2.) Hazards identification

Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008

Acute Tox. 4*; H302

Aquatic Chronic 2; H411

Repr. 2; H361d***

Classification in accordance with Regulation 67/548/EEC or 1999/45/EC

N; R51/53

Repr. Cat. 3; R63

Xn; R22

Classification information

*detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2 .

Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Product identifier

603-197-00-7 (Tebuconazole)

Hazard pictograms



GHS07



GHS08



GHS09

Signal word

Warning

Hazard statements

H302

Harmful if swallowed.

H361d

Suspected of damaging the unborn child.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statements

P201

Obtain special instructions before use.

P273

Avoid release to the environment.

P281

Use personal protective equipment as required.

P301+P312

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P308+P313

IF exposed or concerned: Get medical advice/attention.

P330

Rinse mouth.

P391

Collect spillage.

P405

Store locked up.

P501

Dispose of contents/container to hazardous or special waste collection point.

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3.) Composition / information on ingredients**Chemical characterization**

Tebuconazole

Substance / product identification

Index no. 603-197-00-7

CAS no. 107534-96-3

EC no. 403-640-2

4.) First aid measures**General information**

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Seek medical advice immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

Advice to doctor**Symptoms**

Nausea; Vomiting

Treatment

If swallowed, flush stomach. Treat symptomatically.

5.) Fire-fighting measures**Suitable extinguishing media**

Foam; Carbon dioxide; extinguishing powder; Water spray jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gasesIn the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); Nitrogen oxides (NO_x); Hydrogen chloride (HCl); Combustion products of this material have to be classed invariably as respiratory poison.**Special protective equipment for fire-fighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Wear protective clothing.

Other information

Run-off water from fire fighting must not be discharged into drains or enter surface water.

6.) Accidental release measures**Personal precautions**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Avoid dust formation. Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

Methods for cleaning up/taking up

Scoop-up mechanically. When picked up, treat material as prescribed under heading "Disposal considerations".

7.) Handling and storage**Handling****Advice on safe handling**

No special measures necessary if stored and handled as prescribed. Avoid the formation and deposition of dust. Provide good ventilation of working area (local exhaust ventilation, if necessary).

Advice on protection against fire and explosion

Dust can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition.

Storage**Requirements for storage rooms and vessels**

Store product in closed containers.

Advice on storage assembly

Do not store together with foodstuffs. Do not store together with animal feedstocks.

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

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8.) Exposure controls / personal protection**Exposure limit values**

N O N E

Exposure controls**Personal protective equipment****Respiratory protection**

In case of dust formation, use a fine dust face mask. Short term: filter apparatus, Filter P3

Hand protection

In case of intensive contact, wear protective gloves (EN 374). Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	nitrile		
Material thickness	>	0,3	mm
Breakthrough time	>	480	min.
Appropriate Material	rubber		
Material thickness	>	0,5	mm
Breakthrough time	>	240	min.

Eye protection

Safety glasses (EN 166)

Skin protection

Normal chemical work clothing.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Provide eye wash fountain in work area. Do not inhale dust.

9.) Physical and chemical properties**General information**

Form	buiten reikwijdte
Colour	buiten reikwijdte verzoek
Odour	buiten reikwijdte verzoek

Important health, safety and environmental information**Changes in physical state**

Type	buiten reikwijdte verzoek	
Value	buiten	° C

Fire promoting Properties

Oxidizing	buiten
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Explosion limits

Risk of explosion	buiten
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Solubility in water

Value	buiten			
Reference temperature	buiten			

Octanol/water partition coefficient (log Pow)

Value	buiten		
Reference temperature	buiten		

10.) Stability and reactivity**Conditions to avoid**

None, if handled according to order.

Materials to avoid

None known.

Hazardous decomposition products

Carbon monoxide and carbon dioxide; Nitrous oxides (NOx)

Thermal decomposition

Value	>	350	° C
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11.) Toxicological information**Acute toxicity****Acute oral toxicity**

LD50	1700	mg/kg
Species	rat	
Source	EFSA Scientific Report	

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Acute dermal toxicity

LD50 > 2000 mg/kg
 Species rat
 Source EFSA Scientific Report

Acute inhalational toxicity

LC50 > 5,093 mg/l
 Duration of exposure 4 h
 Species rat
 Source EFSA Scientific Report

Irritant/corrosive effects**Irritant effect on skin**

Evaluation non-irritant
 Source EFSA Scientific Report

Irritant effect on eyes

Evaluation non-irritant
 Source EFSA Scientific Report

Sensitisation

Evaluation non-sensitizing
 Method Magnussen/Kligmann-Test
 Source EFSA Scientific Report

Effects after repeated or prolonged exposition (subacute, subchronic, chronic)**Mutagenicity**

Source EFSA Scientific Report
 Remarks There is no evidence on mutagenic effects.

Reproduction toxicity

Source EFSA Scientific Report
 Remarks Indications of toxic effects are available from reproduction studies in animals.

Carcinogenicity

Source EFSA Scientific Report
 Remarks There is no evidence on carcinogenic effects.

Experience in practice

Inhalation of dusts may irritate the respiratory tract. Eye contact may cause mechanical irritation through dust particles.

12.) Ecological information**Ecotoxicity****Fish toxicity**

EC50 4,4 mg/l
 Species Oncorhynchus mykiss
 Duration of exposure 96 h
 Source EFSA Scientific Report

Daphnia toxicity

EC50 2,79 mg/l
 Species Daphnia magna
 Duration of exposure 48 h
 Source EFSA Scientific Report

Algae toxicity

EbC50 1,96 mg/l
 Species Scenedesmus subspicatus
 Duration of exposure 72 h
 Source EFSA Scientific Report
 ErC50 5,3 mg/l
 Species Scenedesmus subspicatus
 Duration of exposure 72 h
 Source EFSA Scientific Report

Bacteria toxicity

EC50 > 10 g/l
 Species activated sludge
 Duration of exposure 3 h
 Remarks EFSA Scientific Report

Bioaccumulative potential

Remarks Potentially bioaccumulative

Other information

Do not allow to enter soil, waterways or waste water canal.

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13.) Disposal considerations**Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

14.) Transport information**Transport ADR/RID/ADN**

Class	9
Classification code	M7
Packing group	III
Hazard identification no.	90
UN number	3077
Technical name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Danger releasing substance	Tebuconazole
Tunnel restriction code	E
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

Transport IMDG

Class	9
Packing group	III
UN number	3077
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Danger releasing substance	Tebuconazole
EmS	F-A+S-F
Label	9
Marine pollutant mark	Symbol "fish and tree"

Transport ICAO/IATA

Class	9
Packing group	III
UN number	3077
Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Danger releasing substance	Tebuconazole
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

15.) Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks: Annex I, part 2, category 9 b

16.) Other information**Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EC

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Department issuing safety data sheet

5.1.1.c Woo

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.