

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Teson****UFI:****AT10-S01F-C002-QR2E****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**Plant protection product  
pesticides**Uses advised against**

No data available.

**1.3 Details of the supplier of the safety data sheet****Address**Certis Belchim B.V. (EU)  
Stadsplateau 16  
3521 AZ Utrecht - NederlandTelephone no. 0031 (0)30 200 1200  
Fax no. 0031 (0)30 310 0241  
e-mail info@certisbelchim.com**Advice on Safety Data Sheet**

www.certisbelchim.com

**Distributor****Address**Certis Belchim B.V. - United Kingdom  
Suite 5, 3 Riverside, Granta Park - Great Abington  
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United KingdomTelephone no. 0044 (0) 1223 652500  
Fax no. 0044 (0)1223 891210  
e-mail info.uk@certisbelchim.com - www.certisbelchim.co.uk**1.4 Emergency telephone number**

Carechem 24 EU: +44 1235 239670

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**Aquatic Chronic 2; H411  
Eye Dam. 1; H318  
Repr. 2; H361d  
STOT SE 3; H335**Classification information**

Classification and labelling are based on toxicological studies performed on the product (mixture).

Classification and labelling with respect to water pollution risks are based on ecotoxicological studies performed on the product (mixture).

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB

## 2.2 Label elements

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

#### Hazard pictograms



GHS05



GHS07



GHS08



GHS09

#### Signal word

Danger

#### Hazardous component(s) to be indicated on label:

tebuconazole

#### Hazard statement(s)

H318 Causes serious eye damage.  
 H335 May cause respiratory irritation.  
 H361d Suspected of damaging the unborn child.  
 H411 Toxic to aquatic life with long lasting effects.

#### Hazard statements (EU)

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

#### Precautionary statement(s)

P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

#### UFI:

AT10-S01F-C002-QR2E

## 2.3 Other hazards

#### PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

#### vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

#### Chemical characterization

Tebuconazole 250 g/l (EW)

#### Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB

1	<b>tebuconazole</b>		
	107534-96-3 403-640-2 603-197-00-7 -	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Repr. 2; H361d***	26.00 wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(\*, \*\*, \*\*\*, \*\*\*\*) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	-	M = 1	M = 10

**Acute toxicity estimate (ATE) values**

No	oral	dermal	inhalative
1	1700 mg/kg bodyweight		

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

If medical advice is needed, have product container or label at hand.

**After inhalation**

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**After skin contact**

Take off contaminated clothing.

Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.

Contaminated work clothing should not be allowed out of the workplace.

Wash contaminated clothing before reuse.

**After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Rinse AWAY from the unaffected eye.

Immediately call a POISON CENTER or doctor/physician.

**After ingestion**

Rinse mouth. Call a POISON CENTER or doctor/physician.

**4.2 Most important symptoms and effects, both acute and delayed**

No data available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam; Carbon dioxide; Extinguishing powder; Water spray jet

**Unsuitable extinguishing media**

High power water jet

**5.2 Special hazards arising from the substance or mixture**In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)**5.3 Advice for firefighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear protective clothing.

**SECTION 6: Accidental release measures**

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB

## 6.1 Personal precautions, protective equipment and emergency procedures

### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

### For emergency responders

Personal protective equipment (PPE) - see section 8.

## 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not allow uncontrolled release into the environment.

## 6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). When collected, handle material as described under the section heading "Disposal considerations".

## 6.4 Reference to other sections

Information regarding waste disposal, see section 13. Information regarding personal protective measures, see section 8. Information regarding safe handling, see section 7.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

No special measures necessary if stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

#### General protective and hygiene measures

Keep away from food, drinks and animal feeding stuffs. Wash hands before breaks and after work. Do not eat, drink or smoke during work time. Remove soiled or soaked clothing immediately. Do not inhale vapours.

#### Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Keep from freezing. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

#### Incompatible products

Do not store together with food, beverages and animal feeds. Do not store together with: Bases; Acids

### 7.3 Specific end use(s)

#### Industry solution

Always read the label and product information before use.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No parameters available for monitoring.

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB**Eye / face protection**

Safety glasses (EN 166)

**Hand protection**

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves 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 rubber

**Other**

Chemical-resistant work clothes. Rubber boots. (EN 13832-3/EN ISO 20345)

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
yellow	
<b>Odour</b>	
characteristic	
<b>pH value</b>	
Value	6 - 8
Concentration	1 %
Source	manufacturer
<b>Boiling point / boiling range</b>	
No data available	
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Value	> 100 °C
Source	manufacturer
<b>Ignition temperature</b>	
No data available	
<b>Oxidising properties</b>	
not oxidizing	
<b>Explosive properties</b>	
The product does not have explosive properties.	
<b>Flammability</b>	
No data available	
<b>Lower explosion limit</b>	
No data available	
<b>Upper explosion limit</b>	
No data available	

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB

<b>Vapour pressure</b>			
No data available			
<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
Value	0.97		
Source	manufacturer		
<b>Density</b>			
No data available			
<b>Solubility in water</b>			
Source	manufacturer		
Comments	emulsifiable		
<b>Solubility</b>			
No data available			
<b>Partition coefficient n-octanol/water (log value)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
1	tebuconazole	107534-96-3	403-640-2
log Pow	3.7		
Reference temperature	20		°C
Source	supplier		
<b>Kinematic viscosity</b>			
No data available			
<b>Particle characteristics</b>			
No data available			

**9.2 Other information**

<b>Other information</b>
No data available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

The product is stable under normal storage and handling conditions.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use.

**10.4 Conditions to avoid**

Heat, flames and sparks.

**10.5 Incompatible materials**

Bases; Acids

**10.6 Hazardous decomposition products**

In case of fire: see section 5.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

<b>Acute oral toxicity</b>			
<b>No</b>	<b>Product Name</b>		
1	Teson		
LD50	>	2000	mg/kg
Species	rat		

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB

Source	manufacturer
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Acute dermal toxicity			
No	Product Name		
1	Teson		
LD50	>	2000	mg/kg
Species	rat		
Source	manufacturer		

Acute inhalational toxicity			
No	Product Name		
1	Teson		
ATE		11	ml/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Source	manufacturer		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
Species	rabbit		
Source	manufacturer		
Evaluation	non-irritant		

Serious eye damage/irritation	
No	Product Name
1	Teson
Source	manufacturer
Evaluation	irritant - risk of strong eye injuries
Evaluation/classification	Based on available data, the classification criteria are met.

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
Route of exposure	Skin		
Species	guinea pig		
Source	manufacturer		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
Source	supplier		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
NOAEL		72.3	mg/kg
Species	rat		
Source	supplier		
Evaluation/classification	Based on available data, the classification criteria are met.		

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
Source	supplier		
Evaluation/classification	Based on available data, the classification criteria are not met.		

STOT - single exposure	
No	Product Name
1	Teson
Source	manufacturer

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB

Effects | May cause respiratory irritation.

**STOT - repeated exposure**

No data available

**Aspiration hazard**

No data available

**11.2 Information on other hazards****Endocrine disrupting properties**

No data available.

**Other information**

No data available.

**SECTION 12: Ecological information****12.1 Toxicity****Toxicity to fish (acute)****No Product Name****1 Teson**

LC50	10	-	100	mg/l
Duration of exposure			96	h
Species	Oncorhynchus mykiss			
Source	manufacturer			

**Toxicity to fish (chronic)**

No data available

**Toxicity to Daphnia (acute)****No Product Name****1 Teson**

EC50	1	-	10	mg/l
Duration of exposure			48	h
Species	Daphnia magna			
Source	manufacturer			

**Toxicity to Daphnia (chronic)**

No data available

**Toxicity to algae (acute)****No Product Name****1 Teson**

ErC50	1	-	10	mg/l
Duration of exposure			72	h
Species	Pseudokirchneriella subcapitata			
Source	manufacturer			

**Toxicity to algae (chronic)**

No data available

**Bacteria toxicity**

No data available

**12.2 Persistence and degradability****Biodegradability**

No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2

Method	OECD 301 B
Evaluation	not readily biodegradable

**Abiotic Degradation**

No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2



**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB

Half-life	365
Method	EPA N 161-1

**12.3 Bioaccumulative potential**

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
BCF		78	
Method	OECD 305 E		

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
log Pow		3.7	
Reference temperature		20	°C
Source	supplier		

**12.4 Mobility in soil**

Mobility in soil			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
log Koc		2.886	
Method	OECD 106		

**12.5 Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment	
PBT assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT. According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.
vPvB assessment	

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Other information**

Other information
Do not discharge product unmonitored into the environment. May cause long-term adverse effects in the environment.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****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**

Residues 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.

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

Class	9
Classification code	M6
Packing group	III
Hazard identification no.	90
UN number	UN3082

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB

Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name	tebuconazole
Tunnel restriction code	-
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

**14.2 Transport IMDG**

Class	9
Packing group	III
UN number	UN3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name	tebuconazole
EmS	F-A, S-F
Label	9
Marine pollutant mark	Symbol "fish and tree"

**14.3 Transport ICAO-TI / IATA**

Class	9
Packing group	III
UN number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Technical name	tebuconazole
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

**14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3
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The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	tebuconazole	107534-96-3	403-640-2	75

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

**Trade name:** Teson**Product no.:** GM 111 C01784 UK-2**Current version :** 2.0.0, issued: 12.01.2024**Replaced version:** 1.0.2, issued: 28.06.2023**Region:** GB

This product is subject to Part I of Annex I, risk category:	E2
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<b>Other regulations</b>	
Adhere to the national sanitary and occupational safety regulations when using this product.	

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

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

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

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

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 section.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

H302 Harmful if swallowed.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**Creation of the safety data sheet**

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

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

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