

GENFARM TEBUCONAZOLE 430 FUNGICIDE

Version number: 1.0

Date of compilation: 22.09.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name **GENFARM TEBUCONAZOLE 430 FUNGICIDE**
APVMA Approval 59267

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

Relevant identified uses fungicide

1.3 Details of the supplier of the safety data sheet

Nutrien Ag Solutions Limited
Level 5, Building A; 26 Talavera Road
Macquarie Park NSW 2113
Australia

Telephone: +61 (02) 9889 5400
Emergency telephone number: 1800 033 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition), IATA and IMDG/IMSBC.

Classification acc. to GHS

Hazard class	Category	Classification code
Reproductive toxicity	2	H361d
Hazardous to the aquatic environment - acute hazard	1	H400
Hazardous to the aquatic environment - chronic hazard	1	H410

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Signal word Warning

Pictograms



Hazard statements

H361d Suspected of damaging the unborn child.
H410 Very toxic to aquatic life with long lasting effects.

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Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P201	Obtain special instructions before use.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
P501	Dispose of contents/container to industrial combustion plant.

SECTION 3: Composition/information on ingredients

Mixture of substances as listed below.

Description of the mixture

Mixture of substances listed below with ingredients not classified as hazardous.

Name of substance	CAS No	Wt%	Classification acc. to GHS
Tebuconazole	107534-96-3	30 – 50	Acute Tox. 4 / H302 Acute Tox. 4 / H312 Repr. 2 / H361d Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410
Propylene glycol	57-55-6	5 – 10	

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Get medical attention if skin irritation occurs.

Following eye contact

Remove contact lenses, if present and easy to do. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Get medical attention if eye irritation persists.

Following ingestion

Keep at rest. Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Give a glass of water to drink in small sips. Seek medical attention if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

May cause eye irritation, redness and tearing. May cause gastrointestinal irritation, nausea, diarrhoea and vomiting. Skin contact may cause mild irritation. Inhalation of mist may cause respiratory irritation.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

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5.2 Special hazards arising from the substance or mixture

Hazardous combustion products include oxides of carbon, oxides of nitrogen, amines, ammonia, hydrogen cyanide gas, and hydrogen chloride gas.
HAZCHEM (Emergency Action) Code: •3Z

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ventilate affected area. Prevent skin contact. Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. Collection and use of expertise.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Bunding, Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs. May damage the unborn child. Pregnant women must not handle this product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and well-ventilated area. Keep container tightly closed. Protect from sunlight. Protect from moisture. Keep away from strong oxidising agents, strong acids, and strong bases.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Name of agent	Identifier	TWA [ppm]	TWA [mg/m ³]	Notation
Propane-1,2-diol	WES		10	
Propane-1,2-diol	WES	150	474	vp

Notation

TWA time-weighted average (long-term exposure limit); measured or calculated in relation to a reference period of 8 hours
time-weighted average (unless otherwise specified)

vp as vapours and particulates

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection. Use safety goggle with side protection. Use protective eyewear to guard against splash of liquids.

Skin protection

- Hand protection

Wear protective gloves. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Wash hands and face thoroughly after handling.

Body protection

Protective clothing against liquid chemicals. Footwear protecting against chemicals.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Use an approved P2 particles respirator according to AS/NZS1716 standards.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid (suspension)
Colour	off-white
Odour	no data available
Boiling point	approx. 100 °C
Flammability	non-combustible
Flash point	does not flash up to boiling point
Decomposition temperature	no data available
pH (value)	4 – 7
Density	1.12 g/cm ³

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Water solubility	miscible in any proportion
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SECTION 10: Stability and reactivity

10.1 Chemical stability

Stable under normal conditions of use.

10.2 Possibility of hazardous reactions

No known hazardous reactions.

10.3 Conditions to avoid

UV-radiation/sunlight. Keep away from incompatible materials. Protect from freezing.

10.4 Incompatible materials

Strong oxidising agents, strong acids, and strong bases.

10.5 Hazardous decomposition products

Oxides of carbon, oxides of nitrogen, amines, ammonia, hydrogen cyanide gas, and hydrogen chloride gas.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity of components					
Name of substance	CAS No	Exposure route	Endpoint	Value	Species
Tebuconazole	107534-96-3	oral	LD50	1,700 mg/kg	rat
Tebuconazole	107534-96-3	dermal	LD50	2,000 mg/kg	rat
Tebuconazole	107534-96-3	inhalation: dust/mist	LC50	>5.09 mg/l/4h	rat
Propylene glycol	57-55-6	oral	LD50	22,000 mg/kg	rat
Propylene glycol	57-55-6	dermal	LD50	>2,000 mg/kg	rabbit

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

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Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Other information

The Australian Acceptable Daily Intake (ADI) for tebuconazole for a human is 0.03 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 3 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and Veterinary Chemicals', 2025).

SECTION 12: Ecological information

12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Tebuconazole	107534-96-3	LC50	4.4 mg/l	rainbow trout (Oncorhynchus mykiss)	96 h
Tebuconazole	107534-96-3	EC50	2.79 mg/l	water flea (Daphnia)	48 h
Tebuconazole	107534-96-3	EC50	1.96 mg/l	algae	72 h
Propylene glycol	57-55-6	LC50	40,613 mg/l	fish	96 h
Propylene glycol	57-55-6	ErC50	34,100 mg/l	algae	48 h

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Propylene glycol	57-55-6	NOEC	13,020 mg/l	aquatic invertebrates	7 d

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Bioaccumulation is not expected to occur.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions.

Waste treatment of containers/packagings

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

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Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

UN number

ADG, IMDG, IATA UN 3082

UN proper shipping name

ADG, IMDG, IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains tebuconazole)

Transport hazard class(es)

ADG, IMDG, IATA 9

Packing group

ADG, IMDG, IATA III

Danger label(s)



Excepted quantities (EQ) E1
 Limited quantities (LQ) 5 L
 HAZCHEM (Emergency Action) Code •3Z
 Marine pollutant YES (hazardous to the aquatic environment)
 ERG (ANZ 2024) Guide No. 171

SECTION 15: Regulatory information

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

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Standard Schedule 5.

Australian Inventory of Industrial Chemicals
 All ingredients are listed or exempt from listing.

Australian Pesticides and Veterinary Medicines Authority

This product is registered with the Australian Pesticides and Veterinary Medicines Authority. APVMA approval number: 59267.

SECTION 16: Other information

Abbreviations and acronyms

Acute Tox.	acute toxicity
Aquatic Acute	hazardous to the aquatic environment - acute hazard
Aquatic Chronic	hazardous to the aquatic environment - chronic hazard
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50

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	% changes in response (e.g. on growth) during a specified time interval
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
NOEC	No Observed Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
ppm	parts per million
Repr.	reproductive toxicity
TWA	time-weighted average
vPvB	very Persistent and very Bioaccumulative
WES	Safe Work Australia: Workplace exposure standards for airborne contaminants

Key literature references and sources for data

Safe Work Australia's Code of Practice for Labelling of Workplace Hazardous Chemicals (under WHS Regulations).
Australian Dangerous Goods Code.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Nutrien Ag Solutions makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet.