

Section 1 - Identification of the Material and Supplier

Product Name: Swan Prothioconazole & Tebuconazole 420 SC Fungicide
APVMA Approval No.: 95647
Chemical Nature: Suspension Concentrate (SC) containing prothioconazole & tebuconazole
Product Use: Agricultural Fungicide for use as described on the product label.
Company: Swan Chemical Holdings Pty Ltd.
 U2/9 Glossop Street, Wangara WA 6065
 Phone: 1300 289 520
info@swanchemicalholdings.com
swanchemicalholdings.com
Creation Date: April 2025
Poisons Information Centre: Phone 13 11 26 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

Under the Globally Harmonised System (GHS) this product is a hazardous substance with the following environmental classification:

Globally Harmonised System (GHS) classification of the substance/mixture:

Reproductive Toxicity: Hazard Category 2.

Hazardous to the Aquatic Environment – Long term hazard: Hazard Category 2.

Pictogram:



Signal Word:

WARNING.

Hazard statements

H361 Suspected of damaging fertility or the unborn child.

H411 Toxic to Aquatic life with long lasting effects.

Precautionary Statements

Prevention:

P201 Obtain special instructions before use.

P202 DO NOT handle until all safety precautions have been read and understood.

P280 Wear protective gloves, protective clothing, and face protection.

P273 Avoid release to the environment.

Response:

P308 + P313 If exposed or concerned: Get medical advice/attention.

P391 Collect spillage.

Disposal:

P405 Store locked up.

P501 Dispose of contents/container in accordance with national regulations.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No.	Conc. g/L	TWA (mg/m ³)	STEL (mg/m ³)
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SAFETY DATA SHEET

Prothioconazole	178928-70-6	210	not set	not set
Tebuconazole	107534-96-3	210	not set	not set
Other non-hazardous ingredients	secret	to 1 L	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5-day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term 'peak' is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

Description of First Aid Measures

Ingestion: If swallowed, DO NOT induce vomiting. Rinse mouth thoroughly with water. Contact a doctor or Poisons Information Centre Phone 13 11 26.

Eye contact: If in eyes, hold eyelids open and wash with clean water until chemical is removed. If irritation occurs and persists, seek medical advice.

Skin contact: Remove contaminated clothing and wash affected areas thoroughly with soap and water. Launder contaminated clothing before re-use. If irritation occurs and persists, seek medical advice.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Advice to Doctor: Treat Symptomatically. There is no specific antidote.

Most important symptoms and effects, both acute and delayed.

No data available.

Indication of any immediate medical attention and special treatment needed.

No data available. Treat symptomatically.

Section 5 - Fire Fighting Measures

Specific Hazard: Not flammable.

Extinguishing Media: Not flammable. Use extinguishing media suitable for surrounding area. Extinguish fire preferably using alcohol-resistant foam, but normal foam is effective. If not available, use water-fog or fine water spray but ensure all runoff is contained.

Hazards from combustion products: Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers. Hazardous combustion products include oxides of carbon, nitrogen and sulphur, hydrogen cyanide, other nitrogen compounds, sulphur compounds, smoke, and water. This product is not combustible but may decompose in a fire. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or smoke.

Precautions for fire-fighters and special protective equipment: Isolate fire area. Evacuate downwind residents. Wear full protective clothing and self-contained breathing apparatus. DO NOT breathe smoke or vapours generated.

Section 6 - Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing, and safety boots. Evacuate all non-essential personnel from affected area. DO NOT breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite, or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

Section 7 - Handling and Storage

Precautions for Safe Handling:

SAFETY DATA SHEET

Suspected of damaging fertility or the unborn child. Pregnant women must not handle this product. Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages, and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Storage Conditions: Keep tightly closed in a dry and cool place. Keep in properly labelled containers. Keep containers tightly closed in a cool, well-ventilated place. Store at room temperature.

Incompatible materials: None known based on information supplied.

Section 8 - Exposure Controls and Personal Protection

Precautions for Safe Handling:

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Section 9 - Physical and Chemical Properties:

Appearance:	Off-white liquid
Odour:	light characteristic odour.
Boiling Point:	Approx. 100°C.
Freezing Point:	Approx. 0°C.
Specific Gravity:	1.08 approx. at 20°C.
Solubility in Water:	Disperses/suspends in water.
pH:	5 – 8.
Flammability:	Not flammable.
Corrosive hazard:	Not corrosive.
Flashpoint (°C):	Not flammable.
Flammability Limits (%):	Not applicable.
Poisons Schedule:	This product is a Schedule 5 (S5) poison.
Formulation Type:	Suspension Concentrate (SC).

Section 10 - Stability and Reactivity

Chemical Stability: Product is considered stable in ambient conditions for a period of at least 2 years after manufacture.

Conditions to Avoid: DO NOT store for prolonged periods in direct sunlight.

Incompatible materials: Avoid strong oxidising agents.

Hazardous Decomposition Products: Product is unlikely to decompose until heated to dryness. On further heating may emit toxic fumes.

Hazardous Reactions: Hazardous polymerisation will not occur.

Section 11 - Toxicological Information

No specific data is available for this product as no toxicity tests have been conducted on this product. Information presented is our best judgement based on similar products and/or individual components. As with all products for which limited data is available, caution must be exercised through the use of protective equipment and handling procedures to minimise exposure.

Potential Health Effects:**Acute Effects**

SAFETY DATA SHEET

Ingestion: Calculated LD₅₀ > 2000 mg/kg. Ingestion may cause gastrointestinal irritation.

Skin: Prolonged contact with the concentrate may cause irritation. Estimated LD₅₀ > 4000 mg/kg.

Eye: The concentrate may cause irritation of the eyes.

Inhalation: May cause irritation to the respiratory tract. Estimated LC₅₀ > 2.1 mg/L/4 hrs.

Long Term Exposure:

The active ingredients have been extensively tested on laboratory mammals and in test tube systems. No evidence of mutagenic or genotoxic effects were obtained. Prothioconazole was not found to be carcinogenic. Although tebuconazole caused an increase in tumours in mice at high doses, the mechanism of tumour formation is not considered to be relevant to man. Both Prothioconazole and Tebuconazole caused reproduction and development toxicity at high doses but in both cases the dose levels were toxic to the dams or related to parental toxicity.

Section 12 - Ecological Information

No specific data is available for this product as no toxicity tests have been conducted on this product. Information presented is our best judgement based on similar products and/or individual components. As with all products for which limited data is available, caution must be exercised through the use of protective equipment and handling procedures to minimise exposure.

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Section 13 - Disposal Considerations

Spills and Disposal: Wear prescribed protective clothing and equipment. Keep material out of streams and sewers. Dispose of drummed wastes, including decontamination solution in accordance with the requirements of Local or State Waste Management Authorities. In rural areas contact ChemClear <http://www.chemclear.com.au> for help with collection of unwanted rural chemicals. Ideally the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals.

Disposal of Empty Containers: Triple-rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or a designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation, and tree roots, in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.

Section 14 - Transport Information

UN Number

ADG, IMDG, IATA UN3082

Proper Shipping Name

ADG, IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Prothioconazole, Tebuconazole)

IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Prothioconazole, Tebuconazole), MARINE POLLUTANT

Dangerous Goods Class

ADG Class: 9

Subsidiary Risk:

Packing Group: ADG, IMDG, IATA III

Marine Pollutant Symbol (fish and tree)

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EMS Number: F-A, S-F
Hazchem Code: •3Z
Special Provisions: 274, 331, 335, 375, AU01
Transport/Additional information: Not subject to the ADG Code when transported by road or rail in packages that DO NOT incorporate a receptacle exceeding 500 kg(L) or IBCs. (refer to SP AU01)
Limited Quantities: 5 L
Packaging & IBCs - Packing Instruction: P001, IBC03, LP01
Packaging & IBCs - Special Packing Provisions: PP1
Portable Tanks & Bulk Containers - Instructions: T4
Portable Tanks & Bulk Containers – Special Provisions: TP1, TP29

Section 15 - Regulatory Information

Under the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP), this product is a Schedule 5 poison.

This product is registered under the Agricultural and Veterinary Chemicals Code Act 1994.

This product is classified as a Hazardous Substance under the criteria of Safe Work Australia.

This product is not classified as a Dangerous Good according to the ADG Code (7th Ed).

This product is classified as a Dangerous Good according to International Maritime Dangerous Goods (IMDG) Code and the International Air Transport Association (IATA).

Requirements concerning special training:

Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

SAFETY DATA SHEET