

## Safety Data Sheet

according to WHS Regulations

Date of issue: 15.05.2025

Revision date: 03.05.2025

### 1 Identification

**Product Name:** eChem e-Strobin 250 SC Fungicide**Other Means of Identification:** Mixture**APVMA Approval Number:** 68703**Recommended Use of the Chemical and Restriction on Use:** Agricultural fungicide**Details of Manufacturer or Importer:**

eChem Australia Pty Ltd  
Level 4, Lantos Place  
80 Stamford Road  
Indooroopilly QLD 4068  
Australia

**Phone Number:** 1300 781 649 (office hours)**Emergency telephone number:** 1800 033 111 (any time) or National Poisons Information Centre: 13 11 26**Email:** orders@ozcrop.com.au

### 2 Hazard(s) Identification

**Hazardous Nature:**

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/IMSB.

Not subject to the ADG Code when transported in Australia by Road or Rail in packagings that do not incorporate a receptacle exceeding 500 kg(L); or IBCs (refer to SP AU01). However if transported by Air or Sea, this provision does not apply.



GHS06 Skull and crossbones

Acute toxicity - inhalation – Category 3 H331 Toxic if inhaled.



GHS09 Environment

Aquatic Chronic 1

H410 Very toxic to aquatic life with long lasting effects.

**Signal Word** Danger**Hazard Statements**

H331 Toxic if inhaled.

H410 Very toxic to aquatic life with long lasting effects.

**Precautionary Statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P311 Call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P391 Collect spillage.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

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

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## 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 131860-33-8	Azoxystrobin	10-30%
	 Acute toxicity - inhalation – Category 3, H331;  Aquatic Chronic 1, H410 (M=10)	

## 4 First Aid Measures

**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.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

**Ingestion:**

If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Information for Doctor:** Treat symptomatically.

**Symptoms Caused by Exposure:** No further information available.

## 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Use foam, dry chemical powder, BCF (where regulations permit), carbon dioxide, Water spray or fog.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include toxic fumes, acrid smoke, oxides of carbon, oxides of nitrogen, other pyrolysis products typical of burning organic material.

Product is Combustible.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

Prevent, by any means available, spillage from entering drains or water course.

Heating may cause expansion or decomposition leading to violent rupture of containers.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

DO NOT approach containers suspected to be hot.

## 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.

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**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.

## 7 Handling and Storage

**Precautions for Safe Handling:**

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.

Take precautionary measures against static discharge. 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:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents and acids.

## 8 Exposure Controls and Personal Protection

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:****Respiratory Protection:**

Where an inhalation risk exists, wear a (filter type A) respirator. Wear a Full-face respiratory, Half-face respiratory. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Wear chemical protective gloves, PVC, apron, overalls, safety footwear, or safety gumboots rubber. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

## 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Off-white
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	7-8
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	>97 °C
<b>Flammability</b>	Not applicable
<b>Auto-ignition Temperature:</b>	No information available

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<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Density at 20 °C:</b>	1.08-1.09 g/cm <sup>3</sup>
<b>Relative Density:</b>	Not determined.
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Miscible
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Organic solvents:</b>	
<b>Physical state</b>	Liquid

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.

**Conditions to Avoid:** No further relevant information available.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:**

No hazardous decomposition products known.

Oxides of carbon, oxides of nitrogen.

## 11 Toxicological Information

**Toxicity:**

**LD50/LC50 Values:**

**CAS: 131860-33-8 Azoxystrobin**

Oral	LD50	>5,000 mg/kg (Rattus norvegicus (rat))
Dermal	LD50	>2,000 mg/kg (Rattus norvegicus (rat))
Inhalation	LC50/4 h	0.7 mg/l (Rattus norvegicus (rat))

**Acute Health Effects**

**Inhalation:** May cause respiratory irritation.

**Skin:** No adverse health effects expected.

**Eye:** No adverse health effects expected.

**Ingestion:** No adverse health effects expected.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** Based on classification principles, the classification criteria are not met.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

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**Chronic Health Effects:** No data associated with long term health effects.**Existing Conditions Aggravated by Exposure:** No data available.**Additional toxicological information:**

The Australian Acceptable Daily Intake (ADI) for azoxystrobin for a human is 0.1 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 10 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', 2024)

## 12 Ecological Information

**Ecotoxicity:****Aquatic toxicity:****CAS: 131860-33-8 Azoxystrobin**

EC50/48 h	0.28 mg/l (Daphnia magna (water flea))
EC50/96 h	2 mg/l (Pseudokirchneriella subcapitata (algae))
LC50/96 h	0.47 mg/l (Oncorhynchus mykiss (rainbow trout))

**Persistence and Degradability:** No data available on finished product.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

<b>UN Number</b>	
<b>ADG, IMDG, IATA</b>	UN3082
<b>Proper Shipping Name</b>	
<b>ADG, IMDG, IATA</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Azoxystrobin)
<b>Dangerous Goods Class</b>	
<b>ADG Class:</b>	9
<b>Packing Group:</b>	
<b>ADG, IMDG, IATA</b>	III
<b>EMS Number:</b>	F-A,S-A
<b>Hazchem Code:</b>	•3Z
<b>Special Provisions:</b>	274, 331, 335, 375, AU01
<b>Transport/Additional information:</b>	Not subject to the ADG Code when transported by road or rail in packagings that do not incorporate a receptacle exceeding 500 kg(L) or IBCs. (refer to SP AU01)
<b>Excepted quantities (EQ):</b>	E1
<b>Limited Quantities:</b>	5L

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**Packagings & IBCs - Packing Instruction:** P001, IBC03, LP01**Packagings & IBCs - Special Packing Provisions:** PP1**Portable Tanks & Bulk Containers - Instructions:** T4**Portable Tanks & Bulk Containers - Special Provisions:** TP1, TP29

## 15 Regulatory Information

**Australian Inventory of Industrial Chemicals:** None of the ingredients is listed.**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:**

Poisons Schedule: 5

**Australian Pesticides and Veterinary Medicines Authority:**

This product is registered with the Australian Pesticides and Veterinary Medicines Authority. APVMA approval number 68703.

## 16 Other Information

**Date of Preparation or Last Revision:** 03.05.2025**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute toxicity - inhalation – Category 3: Acute toxicity – Category 3

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

**Disclaimer**

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This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - June 2023".