

## SAFETY DATA SHEET

According to HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

### Section 1. Identification of the material and the supplier

Product: **CONDOR**  
 Product Use: Fungicide  
 Restriction of Use: Refer to Section 15

New Zealand Supplier: **Agrisource 2000 Ltd**  
 Address: 45 Kitchener Road  
 Pukekohe, Auckland

Telephone: +64 9 237 0422  
**Emergency No: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 24 November 2022 v2

### Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

EPA Approval No: HSR101041

#### Pictograms



Irritant      Chronic      Ecotoxic

Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 4	H227	Combustible liquid.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Reproductive toxicity Cat. 1	H360	May damage fertility or the unborn child.
Hazardous to the aquatic environment acute/chronic Cat. 1	H400/H410	Very toxic to aquatic life with long lasting effects.
Hazardous to soil organisms	H423	Hazardous to soil organisms
Hazardous to terrestrial vertebrates	H433	Hazardous to terrestrial vertebrates

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.

P261	Avoid breathing fumes, vapours or spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.
P281	Use personal protective equipment as required.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
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.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use dry chemical, water spray or carbon dioxide for extinction.

Storage Code	Storage Statement
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

### Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Propiconazole	250 g/L	60207-90-1
Diethylene glycol monoethyl ether	<750g/L	111-90-0
Other ingredients	bal	

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
If on Skin	In case of skin contact, immediately flush skin with plenty of water and soap. Remove contaminated clothing. If skin irritation occurs: Get medical advice/ attention.
If Swallowed	Do not induce vomiting. Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

## Most important symptoms and effects, both acute and delayed

Symptoms:

Swallowed: Not applicable.

Skin: May cause an allergic skin reaction.

Eyes: Causes serious eye irritation.

Chronic: May damage fertility or the unborn child.

**Advice to Physician:** Treat Symptomatically

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Combustible Liquid
<b>Hazards from combustion products</b>	Vapours may be toxic.
<b>Suitable Extinguishing media</b>	Dry chemical, water spray or carbon dioxide.
<b>Precautions for firefighters and special protective clothing</b>	Vapours may be toxic. Self-contained breathing apparatus required. Do not allow contaminated runoff to enter drains.
<b>HAZCHEM CODE</b>	<b>3Z</b>

### Section 6. Accidental Release Measures

Wear protective clothing as detailed in Section 8. Clear area of unprotected personnel.

Do NOT allow spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways. If enters waterways notify authorities.

Contain and absorb liquid spills with inert material and place in waste containers. Collect in an appropriate sealable container for disposal in an approved landfill. Dispose of contained wastes in accordance with the requirements of Local Authorities as detailed in Section 13.

### Section 7. Handling and Storage

#### Precautions for Handling:

- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Do not breathe fumes, vapours or spray.
- Read label before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Avoid breathing fumes, vapours or spray.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing as detailed in Section 8.
- Use personal protective equipment as required.
- Avoid skin and eye contact and inhalation of spray mist.
- Use good personal hygiene.
- Do not consume or store food in the work area.
- Wash hands and exposed skin before eating, drinking or smoking and after work.

#### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Store locked up.
- Store in a cool, dry, well-ventilated place in the original container.
- Protect from excessive heat and cold.
- Do not store near food, drink, animal feeding stuffs, pharmaceuticals, cosmetics or fertilisers.

**Section 8. Exposure Controls / Personal Protection****WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA ppm mg/m <sup>3</sup>	STEL ppm mg/m <sup>3</sup>
-----------	------------------------------	-------------------------------

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13<sup>TH</sup> EDITION.

**Engineering Controls**

General (mechanical) room ventilation is considered satisfactory.

**Personal Protection Equipment**

<b>Eyes</b>	Chemical goggles or face shield where splash may occur.
<b>Hands</b>	PVC-coated gloves. Avoid skin contact.
<b>Respiratory</b>	Transfer or mix with adequate ventilation.
<b>General</b>	If skin contact or contamination of clothing is likely, protective clothing should be worn. Change to clean clothing if contaminated.

**Section 9. Physical and Chemical Properties**

<b>Appearance</b>	Liquid
<b>Colour</b>	Yellow to brown
<b>Odour</b>	No odour
<b>Odour Threshold</b>	Not available
<b>pH</b>	4.0 – 8.0
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	91°C
<b>Flammability</b>	Combustible
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Specific Gravity or density</b>	Not available
<b>Solubility</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Octanol/Water Particle Coefficient</b>	Not available
<b>Oxidising</b>	Not oxidising

**Section 10. Stability and Reactivity**

<b>Stability of Substance</b>	Relatively stable in neutral, weakly acidic and weakly alkaline media.
<b>Storage Stability</b>	Stable under normal storage conditions in original container for at least two years.
<b>Possibility of hazardous reactions</b>	None expected.
<b>Conditions to Avoid</b>	Extreme heat or cold.
<b>Incompatible Materials</b>	Compatible with most fungicide formulations except very strong acid/alkaline formulations.
<b>Hazardous Decomposition Products</b>	None known.

**Section 11. Toxicological Information****Acute Effects:**

<b>Swallowed</b>	Not applicable. LD50 (rat) >3000 mg/kg
<b>Dermal</b>	Not applicable. LD50 (rabbit) >4000 mg/kg
<b>Inhalation</b>	Not applicable. LC50 (rat) >1000 mg/m <sup>3</sup> (4 hours)
<b>Eye</b>	Causes severe eye irritation.
<b>Skin</b>	May cause an allergic skin reaction.

**Chronic Effects:**

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	May damage fertility or the unborn child.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

**Section 12. Ecotoxicological Information**

Very toxic to aquatic life with long lasting effects.

Hazardous to soil organisms

Hazardous to terrestrial vertebrates

<b>Product: Fish Toxicity</b>	LC50 (96 hr): 22-40mg/l (rainbow trout).
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	Propiconazole has low to medium mobility in soil.
<b>Other adverse effects</b>	Propiconazole is stable in water. Propiconazole is not persistent in soil, DT50 aerobic soil 40-70days (20°C)

**Acute Toxicity - Fish**

LC50 = 5.3 mg/L (Rainbow trout); 96 h

LC50 = 6.8 mg/L (Common carp); 96 h

**Acute Toxicity - Algae**

ErC50 = 17.0 mg/L (Selenastrum capricornutum (green algae)); 72 h - static conditions

**Acute Toxicity - Bird**

LD50 = >2510 mg/kg (mallard ducks)

LD50 = 2825 mg/kg (bobwhite quail)

**Other information**

LD50 >100 ug/bee (oral and contact)

Do not allow to enter waterways.

## Section 13. Disposal Considerations

### Disposal Method:

Triple rinse container and add rinsate to spray tank. Dispose of cleaned container at your local AGRECOVERY container collection site.



**Precautions or methods to avoid:** Avoid release to the environment.

## Section 14. Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020



### Road, Rail, Sea and Air Transport

<b>UN No</b>	3082
<b>Class - Primary</b>	9
<b>Packing Group</b>	III
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S (Propiconazole)
<b>Marine Pollutant</b>	Yes
<b>Special Provisions</b>	If the product's individual container is below 5L, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

## Section 15. Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: HSR101041

<b>HSW (HS) Regulations 2017</b>	<b>Trigger Quantity</b>
Signage Trigger Quantities (Schedule 3)	100L
Emergency Response Plan (Schedule 5)	100L
Secondary Containment (Schedule 5)	100L
Tracking (Schedule 26)	Not required
Certified Handlers	Not required
<b>HSNO Additional Controls (Restrictions of use)</b>	
77A - Maximum application rates	The person in charge of the application of this substance, and any person applying the substance, must ensure that the application is carried out in accordance with the following restrictions:  When applied using wide-dispersive application methods:  The substance must not be applied at rates exceeding 500 mL of formulated product/ha per application (equivalent to 125 g propiconazole/ha); and the substance must not be applied to the

	<p>same area more than three times in any 365 day period.</p> <p>When applied as a seed treatment:</p> <p>the substance must not be applied at rates exceeding 60 mL of formulated product per 100 kg of seed treated (equivalent to 15 g propiconazole per 100 kg seed)</p>
77A	The substance must not be applied onto or into water.
77A - A restriction has been placed on the use of the substance.	<p>Variation:</p> <p>The following restrictions are placed on the use of this substance:</p> <ul style="list-style-type: none"> <li>* When used as a seed treatment, this substance must be applied in a purpose-built seed coating machine, in a treatment plant with local exhaust ventilation.</li> <li>Material treated with this substance must not be used for human or animal consumption.</li> <li>Material treated with this substance must be completely covered by soil when sown.</li> <li>* Excess treated seed must not be left in areas accessible to birds.</li> <li>Personal protection equipment must be used when handling material treated with this substance.</li> <li>*Material treated with this substance must be disposed of in accordance with the disposal requirements for toxic and ecotoxic substances as specified in the Hazardous Substances (Disposal) Regulations 2001.</li> <li>*At the time of treatment the material must be dyed so as to differentiate it from untreated material.</li> <li>*Information must be provided with treated material that identifies the substance that the material has been treated with, its hazardous properties, and precautions to be taken in handling the material.</li> </ul>
<b>Hazardous Property Controls Notice 2017</b>	
HPC Notice Part 4 Clause 47	Equipment for class 9 substances must be appropriate
HPC Notice Part 4 Clause 48	Records of application of class 9 pesticides and plant growth regulators
HPC Notice Part 3	Hazardous substances in a place other than a workplace.
HPC Notice Part 4 Subpart A	Site and storage controls for class 9 substances
HPC Notice Part 4 Subpart C	Qualifications required for application of class 9 pesticides
<b>ACVM Act and Regulations</b>	
See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration Conditions	P9817

## Glossary

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

### References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

### Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the Agrisource 2000 Ltd, if further information is required.

Issue Date: 24 November 2022      Review Date: 24 November 2027