

## SAFETY DATA SHEET

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

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

Product: **Procym**  
 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 2023

### Section 2. Hazards Identification

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

**EPA Approval No: HSR000488**

#### Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment [if this is not the intended use].
P280	Wear protective clothing [as detailed in SDS Section 8].

Response Code	Response Statement
P391	Collect spillage.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.

Storage Code	Storage Statement
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.
Procymidone	50%	32809-16-8
Propylene glycol	1-10%	57-55-0
Non hazardous ingredients	To bal	

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.
If on Skin	In case of contact, immediately flush skin with plenty of water and soap. Remove contaminated clothing. Cold water may be used. Wash clothing before reuse. Get medical attention.
If Swallowed	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
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: Suspected of damaging fertility or the unborn child.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	This product is non-flammable.
<b>Hazards from decomposition products</b>	May give off toxic fumes during fire.
<b>Suitable Extinguishing media</b>	Water fog, extinguishing powder, foam, carbon dioxide.
<b>Precautions for firefighters and special protective clothing</b>	Wear protective clothing and self-contained breathing apparatus. Do not breathe smoke or gases.
<b>HAZCHEM CODE</b>	<b>2Z</b>

### Section 6. Accidental Release Measures

Avoid contact with skin and eyes. Do not inhale spray. Wear long sleeved shirt, long pants, waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

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

In the case of spillage, Keep out unprotected persons. Contain spilled material and absorb with sand, soil or absorbent granules. Vacuum or shovel waste into a sealable drum. Keep material out of drains, streams and sewers. Dispose of drummed wastes in accordance with the requirements of Local Authorities detailed in Section 13.

## Section 7. Handling and Storage

### Precautions for Handling:

- Read carefully and follow all instructions.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Avoid release to the environment [if this is not the intended use].
- Wear protective clothing [as detailed in SDS Section 8].
- When mixing or applying, avoid breathing dust and contact with skin and eyes.
- Do not eat or drink while using.
- Wash hands and face before meals and after work.
- Wash protective clothing after work.
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### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs.
- Keep out of reach of children.
- Store in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

## Section 8. Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

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

Ensure ventilation is adequate, generally natural ventilation is adequate.

### Personal Protection Equipment



<b>Eyes</b>	Wear chemical goggles or face shield.
<b>Skin</b>	When opening the container, preparing spray and using prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles.
<b>Respiratory</b>	Where insufficient ventilation, use suitable respiratory protection.
<b>General Hygiene</b>	Avoid inhaling aerosols and vapours. Avoid contact with eyes and skin. Store work clothes and street clothes separately. Wash hand before breaks and at the end of work. Change contaminated protective clothing. Keep away from food, drinks and tobacco.

**Section 9. Physical and Chemical Properties**

<b>Appearance</b>	Liquid
<b>Colour</b>	White
<b>Odour</b>	Faint
<b>Odour Threshold</b>	Not available
<b>pH</b>	8 (CIPAC MT 75.1)
<b>Boiling Point</b>	100°C
<b>Melting /Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not flammable
<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>	1.14 g/ml
<b>Solubility</b>	Not available
<b>Octanol/water 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

**Section 10. Stability and Reactivity**

<b>Stability of Substance</b>	Stable under normal ambient and anticipated storage conditions (0° - 30° C.)
<b>Possibility of hazardous reactions</b>	None expected.
<b>Conditions to Avoid</b>	Extreme heat.
<b>Incompatible Materials</b>	Strong acids, alkalis and other oxidizing agents.
<b>Hazardous Decomposition Products</b>	Will not occur under normal storage and recommended conditions.

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

<b>Swallowed</b>	Not applicable. LD50: 6800mg/kg (male rat)
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Not applicable.
<b>Skin</b>	Not applicable.

**Chronic Effects:**

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Suspected of damaging 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

Toxic to aquatic life with long lasting effects.

<b>Product:</b>	
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

### Data for technical active ingredient:

Toxicity to fish:	LC50 = 7.2 mg/L ,96 hr (Rainbow trout)
Toxicity to daphnia:	EC50 (48h) >4.2mg/L daphnia magna
Toxicity to algae:	LC50 (96 hr) 4.7mg/L
Toxicity to bees:	Not toxic
Toxicity to Earthworms:	LC50 (14 d) >1.000mg/kg dry soil

Do not allow to enter waterways.

## Section 13. Disposal Considerations

### Disposal Method:

Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, follow the recommendations in NZS 8409.

**Container Disposal:** 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 5433:2012



### 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. (Procymidone)
<b>Marine Pollutant</b>	Yes
<b>Special Provisions</b>	If the product's individual container is below 5L/kg, 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 hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No: HSR000488**

HSW (HS) Regulations 2017	Trigger Quantity
Signage Trigger Quantities (Schedule 3)	1000L
Emergency Response Plan (Schedule 5)	1000L
Secondary Containment (Schedule 5)	1000L
Tracking (Schedule 26)	Not required
Certified Handlers	Not required
Location Certificate	Not required
Restrictions of use	Refer to EPA website for full control details <a href="http://www.epa.govt.co.nz">www.epa.govt.co.nz</a>
ACVM Registration Number (See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration Conditions).	P9256

## Section 16. Other Information

### 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

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

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