

# SAFETY DATA SHEET



## PROCYM

Date of Issue: 18<sup>th</sup> July 2018

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Procymidone

**Recommended use:** Fungicide

**Supplier:** Agrisource 2000 Limited  
45 Kitchener Road  
Pukekohe  
Phone: 09 237 0422

**Emergency telephone number:** 0800 Poison (0800 764 766) 24 Hours

### 2. HAZARDS IDENTIFICATION

**Hazard Classifications:** 6.8B, 9.1B,

**Required identification Details:** 6.8B: **HARMFUL** – May cause reproductive/development damage from repeated oral exposure.  
9.1B: **ECOTOXIC**–Toxic to aquatic organisms with long lasting effects. Avoid contamination of any water supply with product or empty container.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Procymidone	32809-16-8	50
Propylene glycol	57-55-0	1-10
Ingredients determined to be non-hazardous		balance

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## 4. FIRST-AID MEASURES

**Description of necessary first aid measures:** In case of poisoning by any exposure route contact the National Poisons and Hazardous Chemicals Information Centre, PO Box 913, Dunedin. **Phone 0800 764 766, (0800 POISON).**

### First-aid measures

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:**

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.

**Skin contact:**

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.

**Eye contact:**

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.

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## 5. FIRE-FIGHTING MEASURES

**HAZCHEM Code:**

2X

**Extinguishing media :**

Water fog, extinguishing powder, foam, carbon dioxide.

**Fire Hazard Properties:**

May give off toxic fumes during fire.

**Protection of fire-fighters:**

Wear protective clothing and self contained breathing apparatus. Do not breathe smoke or gases.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

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.

**Environmental precautions:**

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

**Methods for cleaning up:**

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

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## 7. HANDLING AND STORAGE

<b>Handling:</b>	When mixing or applying, avoid breathing dust and contact with skin and eyes. Wear protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.
<b>Storage:</b>	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).
<b>Packaging materials:</b>	HDPE Plastic bottle.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b><u>Engineering measures</u></b>	Ensure ventilation is adequate, generally natural ventilation is adequate.
<b><u>Workplace Exposure Standards:</u></b>	<b>Product</b> – None established. <b>Active ingredient</b> - ADI for a human is 0.03mg/kg/day for lifetime exposure <b>Excipients</b> – WES TWA for propylene glycol = 150ppm and 10mg/m <sup>3</sup>
<b><u>Personal Protective Equipment</u></b>	
<b>Respiratory system:</b>	Where insufficient ventilation, use suitable respiratory protection.
<b>Skin and body:</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>Hands:</b>	Elbow-length and PVC gloves
<b>Eyes:</b>	Wear chemical goggles or face shield.
<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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Colour:</b>	White
<b>Odour:</b>	Faint
<b>pH:</b>	8 (CIPAC MT 75.1)
<b>Boiling Point:</b>	100°C (water)
<b>Specific gravity or density:</b>	1.14g/mL
<b>Flashpoint:</b>	N/A.
<b>Explosion properties:</b>	Not an explosive
<b>Oxidation properties:</b>	Not an oxidizer.

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## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal ambient and anticipated storage conditions (0° - 30° C.)
<b>Conditions to avoid:</b>	Extreme heat.
<b>Materials to avoid:</b>	Strong acids, alkalis and other oxidizing agents
<b>Hazardous decomposition Products:</b>	Will not occur under normal storage and recommended conditions.
<b>Hazardous reactions :</b>	Hazardous polymerisation will not occur.

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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity – Oral :</b>	LD <sub>50</sub> 6800 mg/kg (Male Rat)
<b>Acute toxicity – Inhalation</b>	Inhalation of mists or aerosols maybe harmful, and may produce respiratory irritation
<b>Skin irritation :</b>	Contact with skin may cause irritation
<b>Eye irritation:</b>	Non irritant (rabbit)
<b>Sensitisation :</b>	Not a skin sensitiser

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## 12. ECOLOGICAL INFORMATION (for the active ingredient)

<b>Toxicity to fish:</b>	LC <sub>50</sub> = 7.2 mg/L ,96 hr (Rainbow trout)
<b>Toxicity to daphnia:</b>	EC <sub>50</sub> (48h) >4.2mg/L daphnia magna
<b>Toxicity to algae:</b>	LC <sub>50</sub> (96 hr) 4.7mg/L
<b>Toxicity to bees</b>	Not toxic
<b>Toxicity to Earthworms</b>	LC <sub>50</sub> (14 d) >1.000mg/kg dry soil

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### 13. DISPOSAL CONSIDERATIONS

**Methods of disposal :** 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.

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### 14. TRANSPORT INFORMATION -International transport regulations

**UN number:** 3082

**Class:** 9

**Packing Group:** III

**Marine Pollutant:** Yes

**Proper shipping name :** ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (Procymidone)

**INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):** ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (Procymidone)

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### 15. REGULATORY INFORMATION

**ACVM Registered Number:** **P9256** (See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration Conditions).

**HSNO Approval Code:** **HSR000488** (See [www.epa.govt.nz](http://www.epa.govt.nz) for controls).

**Approved Handler:** Not required.

**Tracking:** Not required.

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### 16. OTHER INFORMATION

#### **Disclaimer EXCLUSION OF LIABILITY: PLEASE READ**

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