

## Sumitomo Sumisclex<sup>®</sup> 500 Fungicide

### SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Sumitomo Sumisclex<sup>®</sup> 500 Fungicide  
**Other Names:** None  
**Recommended Use:** A fungicide for the control of diseases in fruit and vegetables.  
**Company:** Sumitomo Chemical Australia Pty Ltd  
A.B.N. 21 081 096 255  
**Address:** 242 Beecroft Road, EPPING NSW 2121  
**Telephone Number:** (02) 8752 9000 (Mon–Fri 8am–5pm EST)  
**Emergency Telephone Number:** 1800 024 973 (24 hours) (EMERGENCIES ONLY)  
**Website:** www.sumitomo-chem.com.au

### SECTION 2: HAZARDS IDENTIFICATION

**Hazard Classification:** Hazardous according to the criteria of the Australian Safety and Compensation Council (ASCC).

**Risk Phrases:**  
T:  
R61 (Cat. 2) – May cause harm to the unborn child.  
Xn:  
R20 – Harmful by inhalation.  
N:  
R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrases:**  
S23 – Do not breathe fumes / vapour / spray.  
S24 – Avoid contact with skin.  
S25 – Avoid contact with eyes.

**SUSDP Classification (Poison Scheduling):** S7 – DANGEROUS POISON

**ADG Classification:** Not subject to the ADG Code when transported by Road and Rail. (ADG 7, Special Provision AU01).

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS number	Proportion
Procymidone	32809-16-8	50%
Propylene glycol	57-55-6	10%
Other ingredients determined as non hazardous	-	to 100%

### SECTION 4: FIRST AID MEASURES

**If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766), and follow the advice given. Show this Material Safety Data Sheet to a doctor.**

**General:** In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

**Swallowed:** If swallowed, do not induce vomiting, seek medical advice.

**Skin contact:** If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. Launder contaminated clothing before re-use. Seek medical advice if irritation develops.

<b>Eye contact:</b>	<u>If in eyes</u> , hold eyes open and flood with water for at least 15 minutes and seek medical advice.
<b>Inhalation:</b>	If affected, remove from contaminated area to fresh air. If any signs or symptoms occur or persist, seek medical advice.
<b>Note to physician:</b>	Apply basic aid and decontamination procedures. Treat symptomatically.

## SECTION 5: FIRE FIGHTING MEASURES

<b>Flashpoint:</b>	Not a combustible material.
<b>Flammable limits:</b>	NDA
<b>Auto-ignition temperature:</b>	NDA
<b>Suitable Extinguishing Media:</b>	Small fire: Use dry chemical, carbon dioxide, water spray or foam (alcohol resistant foam is preferred fire fighting medium, but, if it is not available, normal foam can be used). Large fire: Use water spray, fog or foam (alcohol resistant foam is preferred fire fighting medium, but, if it is not available, normal foam can be used).
<b>Hazards from Combustion Products:</b>	Not combustible, however following evaporation of aqueous component residual material can burn if ignited.
<b>Precautions for Fire Fighting and Special Protective Equipment:</b>	Ensure respiratory equipment is available. Evacuate immediate area. Advise Fire Brigade of nature of hazard. Wear full protective equipment, including breathing apparatus. Surrounding containers should be cooled using a fine water spray. All run-off must be contained.
<b>Hazchem Code:</b>	None.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Emergency Telephone Number:** 1800 024 973 (24 hours) (EMERGENCIES ONLY)

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP PROCEDURES

#### SPILLS

**Stop the source of the spill if it is safe to do so. Contain the spill to prevent further contamination of the soil, surface water, or ground water. Wear personal protective equipment as specified in Section 8. Do not allow material to enter sewers or bodies of water.**

<b>Small Spills: (Liquid spill)</b>	Apply absorbent inert material such as soil, dry sand or vermiculite to the spill area. Sweep up material when absorption is complete and contain in a refuse vessel for disposal. If necessary, wash the spill area with an alkali detergent and water and absorb and contain as above.
<b>Large Spills: (Liquid Spill)</b>	Place leaking containers into salvage drums. Apply absorbent inert material such as soil, dry sand or vermiculite to the spill area. Form a barricade around spill and in front of drains or waterways in spill vicinity, using soil or other non reactive material. Sweep up material and contain in a refuse vessel for disposal. <b>Contact emergency services as required.</b>
<b>Disposal:</b>	Contaminated material must be disposed of in accordance with all State and/or Local regulations.

## SECTION 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling:</b>	DO NOT USE OR STORE near flame, sparks or hot surfaces. Use only in well ventilated area. Keep container closed. Keep out of reach of children, unauthorised persons and animals. After handling and before eating, drinking or smoking, wash hands, arms and face with soap and water. For personal protection, see Section 8.
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**Conditions for Safe Storage:** Keep out of reach of children, unauthorised persons and animals. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilizers. Seed treated with this product must not be used for human consumption or allowed to contaminate grain intended for human consumption. Treated seed when stored should be kept apart from other grain and the containers should be clearly marked to indicate the contents have been treated with this product. Containers which have held treated seed should not be used for any other purpose. Store in the closed original container in a cool well ventilated area. DO NOT store for prolonged periods in direct sunlight.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### NATIONAL EXPOSURE STANDARDS

Australian Safety and Compensation Council (ASCC) exposure standards have not been assigned for the active ingredient.

Exposure Standards for the constituent propylene glycol:

**Propylene glycol** Exposure Limit: 10 mg/m<sup>3</sup> TWA

### ENGINEERING CONTROLS

No engineering control measures are allocated to the use of this product, however always use in a well ventilated area. Avoid generating or inhaling mists.

### PERSONAL PROTECTIVE EQUIPMENT

**Respiratory Protection:** Use only in well ventilated areas. Respiratory protection is recommended.

**Hand Protection:** Wear chemical resistant gloves.

**Eye Protection:** Avoid contact with eyes. Eye contact can be avoided by wearing protective eyewear.

**Skin and Body Protection:** Avoid contact with skin or clothing. Skin contact should be minimised by wearing protective clothing including gloves, hat, long sleeved shirt, long pants and chemical resistant boots.

**Other Information:** Wash hands after use. Launder clothes, gloves and face shield or goggles before reuse.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (Product Specific)

**Appearance:** Viscous white to off-white suspension.  
**Odour:** Negligible.  
**pH:** 8  
**Vapour Pressure:** NDA  
**Vapour Density:** NDA  
**Boiling Point:** 100°C (water)  
**Melting Point:** NA  
**Solubility in water (at 25°C):** Negligible  
**Density:** 1.164 g/mL at 20°C  
**Flashpoint:** Not combustible.  
**Explosive Limits:** NDA  
**Ignition Temperature:** NDA

## SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable under recommended storage and handling conditions (See Section 7).

**Conditions to Avoid:** Avoid direct sunlight. Isolate from sources of heat, naked flames or sparks.

**Incompatible Materials:** NDA

**Hazardous Decomposition Products:** May emit toxic fumes under fire conditions (See also Section 5).

**Hazardous Reactions:** NDA

## SECTION 11: TOXICOLOGICAL INFORMATION

### ACUTE HEALTH EFFECTS (Active Ingredient)

#### Toxicology

##### Swallowed:

##### LOW TOXICITY

(LD<sub>50</sub> (male rat) = 7650 mg/kg bw)

(LD<sub>50</sub> (female rat) = 4140 mg/kg bw)

Accidental ingestion of small amounts is not expected to be harmful.

##### Skin:

##### LOW TOXICITY.

(LD<sub>50</sub> (rat) > 2500 mg/kg)

Contact with skin is not expected to be harmful.

##### Inhalation:

##### TOXIC.

(LC<sub>50</sub> rat (4 hour) >1500 mg/m<sup>3</sup>)

Inhalation of vapour is likely to be harmful.

#### Irritation

##### Skin:

##### NON-IRRITANT.

##### Eye:

##### NON-IRRITANT.

#### Sensitisation

##### Skin:

##### NOT A SKIN SENSITISER.

### CHRONIC HEALTH EFFECTS (Active Ingredient)

Evidence from animal tests indicate that repeated or long-term exposure could result in effects on the liver and reproductive system.

### OTHER TOXICOLOGICAL INFORMATION (Active Ingredient)

ADI (Acceptable daily intake) for humans is 0.03 mg/kg bw/d.

#### Reproduction Information

**WARNING:** Contains procymidone, which causes birth defects in laboratory animals. Women of childbearing age should avoid contact with procymidone.

## SECTION 12: ECOLOGICAL INFORMATION

**DO NOT** contaminate streams, rivers or waterways with the chemical or used containers or containers which have held treated seed.

### ECOTOXICITY (Active Ingredient)

Range is slightly toxic to toxic to fish:

LC<sub>50</sub> Bluegill sunfish (96 hour) = 10.3 mg/L

LC<sub>50</sub> Rainbow trout (96 hour) = 7.2 mg/L

Toxic to aquatic invertebrates:

EC<sub>50</sub> *Daphnia magna* (48 hour) > 4.2 mg/L

Toxic to algae:

LC<sub>50</sub> *Scenedesmus subspicatus* (96 hour) = 4.7 mg/L

Low toxicity to bees:

LD<sub>50</sub> Bees (48hr – acute contact) > 100 µg/bee

Low toxicity to earthworms:

LC<sub>50</sub> Earthworms (14 day) > 1000 mg/kg dry soil

### ENVIRONMENTAL FATE (Active Ingredient)

#### Soil / Environment:

Persists in soil for approx. 4 – 12 weeks, depending on humus content. Procymidone has a low potential for bioaccumulation in the soil and has moderate mobility in soil.

## SECTION 13: DISPOSAL CONSIDERATIONS

This material must be disposed of as a hazardous waste. Disposal should be in accordance with local, national or state regulations.

### Contaminated Packaging:

Triple or preferably pressure 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 designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. DO NOT burn empty containers

## SECTION 14: TRANSPORT INFORMATION

**Road/Rail** Not subject to the ADG Code when transported by Road or Rail in packagings; IBC's; or any other receptacle not exceeding 500 kg(L), (ADG Special Provision AU01).

**Sea/Air** Classified as dangerous in the meaning of Sea (IMDG) and Air (ICAO/IATA) transport regulations.

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Procymidone)  
**Class:** 9  
**Sub Risk Class:** Not applicable  
**UN Number:** 3082  
**Hazchem Code:** •3Z  
**Packing Group:** III

## SECTION 15: REGULATORY INFORMATION

**Registration Status:** This product is currently registered under the Australian Pesticides and Veterinary Medicines Authority (APVMA), approval number 50883.

## SECTION 16: OTHER INFORMATION

### Abbreviations:

**NA** Not Applicable  
**NDA** No Data Available  
**Revision Date:** 10 December 2009  
**Revision Number:** 10  
**Reason for Revision** New Address

THE INFORMATION GIVEN IN THIS MSDS IS BASED ON DATA AVAILABLE AS OF THE REVISION DATE GIVEN HEREIN, AND BELIEVED TO BE CORRECT. EACH USER SHOULD READ THIS MSDS AND CONSIDER THE INFORMATION IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE INCLUDING IN CONJUNCTION WITH OTHER PRODUCTS. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY.