

## MATERIAL SAFETY DATA SHEET

### Statement of Hazardous Nature:

Hazardous according to criteria of NOHSC.

**Company:** Sumitomo Chemical Australia Pty Ltd  
**Address:** 501 Victoria Avenue, Chatswood NSW 2067  
**Telephone Number:** (02) 9904 6499  
**Emergency Telephone Number:** 1800 024 973

### IDENTIFICATION

**Product Name:** Sumitomo Sumisclex<sup>®</sup> Broadacre Fungicide  
**Other names:** none  
**UN Number:** none allocated  
**Hazchem Code:** none allocated  
**Dangerous Goods Class;** not a dangerous good  
**Poison Schedule:** S7  
**Manufacturer's Product Code:** none  
**Use:** For the control of brown leaf spot in lupins and chocolate spot in faba beans.

### Physical Description/Properties

**Form:** liquid  
**Colour:** purple  
**Melting point (°C):** not applicable  
**Boiling point (°C):** 100<sup>0</sup>C (water)  
**Specific Gravity:** 1.17 g/mL  
**Vapour Pressure:** not available  
**Solubility in water (at 25 °C):** negligible  
**pH value:** not available

### Other Properties

**Chemical group:** dicarboximide

### Ingredients

Chemical entity	CAS number	Proportion
Procymidone	32809-16-8	50%
Ingredients determined not to be hazardous	-	to 100%

## **HEALTH HAZARD INFORMATION**

### **Health Effects**

No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms which may arise if the product is mishandled are:

Acute Effects:

Swallowed: No adverse effects expected but large amounts may cause nausea and vomiting.

Eye: May be an eye irritant.

Skin: Contact with skin may cause irritation.

Inhaled: Inhalation of mists or aerosols may produce respiratory irritation.

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

### **Toxicological properties:** (for the active ingredient procymidone)

Oral LD<sub>50</sub> (male rat): 6800 mg/kg

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

Skin: Non irritant (rabbit)

Eyes: Non irritant (rabbit)

Sensitisation: Not a skin sensitiser

Chronic Studies: Studies have shown that repeated high doses produce adverse effects on the liver and testes causing reproductive toxicity in males. The effect on the testes is considered to be hormonal. The no effect level is 300 ppm (rat) and 30 ppm (mouse).

ADI (Acceptable daily intake) for humans is 0.05 mg/kg/day.

**Hazard Identification:** (procymidone) Risk Phrase 61 (Cat.2) – May cause harm to the unborn child.

### **First Aid**

Swallowed:	If swallowed, contact a doctor or Poisons Information Centre (TEL: 131126).
Skin:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
Eyes:	Irrigate eyes immediately with water for 15 minutes. Consult a doctor.
Inhaled:	Remove patient to fresh air. Keep patient rested and warm. If symptoms persist consult a doctor.

### **Advice to Doctor**

Apply basic aid and decontamination procedures. Treat symptomatically.

Antidote: Unknown.

## **PRECAUTIONS FOR USE**

### **Exposure Standards**

NOHSC exposure standards have not been assigned for the active ingredient.

### **Engineering Control**

Natural ventilation should be adequate under normal conditions of use. Avoid generating or inhaling mists.

### **Personal Protective Measures**

Avoid contact with eyes and skin. Do not inhale spray mist. Wash hands after use.

### **Flammability**

Not a combustible material.

## **SAFE HANDLING INFORMATION**

### **Storage and Transport**

Not classified as a dangerous good according to Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Keep out of the reach of children. Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

### **Spills and Disposals**

Wear protective equipment to prevent skin and eye irritation. Contain using sand or soil – prevent run off into drains and waterways. Collect and seal contaminated material in properly labeled containers for disposal. If contamination of crops or waterways has occurred advise emergency services or State Department of Agriculture.

### **Disposal**

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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

### **Fire/Explosion Hazards**

Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of combustion.

### **Extinguishing Media**

Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## **OTHER INFORMATION**

**Avoid contaminating waterways.**

### **Information on ecological effects (procymidone)**

Fish toxicity: Toxic to fish and other aquatic life.

Water flea toxicity:

*Daphnia magna* LC<sub>50</sub>: 7.2 mg/L (96 hour)

Bluegill Sunfish LC<sub>50</sub>: 10.3 mg/L (96 hour)

Carp LC<sub>50</sub>: >10 mg/L (48 hour)

Not toxic to bees.

Procymidone has a low potential for bioaccumulation and has moderate mobility in soil.

### **CONTACT POINT (for non-emergency calls)**

**Sumitomo Chemical Australia Pty Ltd**

**Telephone Number:** (02) 9904 6499

**FOR EMERGENCY CALLS – AUSTRALIA WIDE 1800 024 973**