

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[®] 500 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: A fungicide for the control of diseases in fruit and vegetables.

Physical Description/Properties

Form: liquid
Colour: white
Melting point (°C): not applicable
Boiling point (°C): 100⁰C (water)
Specific Gravity: 1.16 g/mL
Vapour Pressure: not available
Solubility in water (at 25 °C): negligible
pH value: 8

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 LD₅₀ (male rat): 6800 mg/kg

Dermal LD₅₀ (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:

| | |
|---|---------------------|
| <i>Daphnia magna</i> LC ₅₀ : | 7.2 mg/L (96 hour) |
| Bluegill Sunfish LC ₅₀ : | 10.3 mg/L (96 hour) |
| Carp LC ₅₀ : | >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