

**Sumilarv<sup>®</sup> Insect Growth Regulator****SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product Name:** Sumilarv<sup>®</sup> Insect Growth Regulator  
**Other Names:** None  
**Recommended Use:** An aqueous concentrate insect growth regulator insecticide.  
**Company:** Sumitomo Chemical Australia Pty Ltd  
A.B.N. 21 081 096 255  
**Address:** 51 Rawson Street, 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:** Not hazardous according to the Occupational Health and Safety criteria.  
**Risk Phrases:** Not applicable.  
**ADG Classification:** Not classified as a Dangerous Good for transport via road and rail. Refer to Section 14 of this MSDS.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Identity	CAS number	Proportion (%)
Pyriproxyfen	95737-68-1	2%
Propylene Glycol	57-55-6	30%
Other ingredients determined as non hazardous	-	72.7%

**SECTION 4: FIRST AID MEASURES**

**If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone Australia Tel. 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.  
**Eye contact:** If in eyes, hold eyes open and flood with water for at least 15 minutes and seek medical advice.  
**Inhalation:** If affected, remove from contaminated area to fresh air. If any signs or symptoms occur or persist, seek medical advice.  
**First Aid Facilities:** Provide washing facilities in the workplace.  
**Note to physician:** Apply basic aid and decontamination procedures. Treatment should be symptomatic and supportive.

**SECTION 5: FIRE FIGHTING MEASURES**

**Flashpoint:** NDA  
**Flammable limits:** NDA  
**Auto-ignition temperature:** NDA

**Suitable Extinguishing Media:** Foam, dry chemical or water spray. Do not use water jet from fire hose.  
**Hazards from Combustion Products:** In the event of fire, the formulation of gaseous oxides of carbon and nitrogen should be anticipated.  
**Precautions for Fire Fighting and Special Protective Equipment:** Fire fighters should wear full protective gear, including self-contained breathing apparatus. Spray unopened containers with water to keep cool. Dispose of extinguishing agent and spillage safely later. Contamination of water bodies should be avoided.

## 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. Wear personal protective equipment as specified in Section 8. Do not allow material to enter sewers or bodies of water.**

**Small Spills: (Liquid spill)** 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.

**Large Spills: (Liquid Spill)** 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. **Contact emergency services as required.**

**Spills in Water:** This material forms an emulsion in water. Stop or reduce contamination of any water. Isolate contaminated water. Remove contaminated water for treatment or disposal.

**Disposal:** Contaminated material must be disposed of in accordance with all State and/or Local regulations.

## SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** 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. Wash hands after use. After each day's use wash gloves. For personal protection, see Section 8.

**Conditions for Safe Storage:** Keep out of reach of children. Store in the closed, original container in a cool, well-ventilated area, away from direct sunlight. Empty containers and product should not be burnt.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### ENGINEERING CONTROLS

Control process conditions to avoid contact. Use local exhaust ventilation.

### PERSONAL PROTECTIVE EQUIPMENT

**Eyes:** Avoid contact with eyes. Wear chemical goggles when handling product.  
**Clothing:** Avoid contact with skin. Wear suitable protective clothing. Protective clothing must be stored separately from private clothing.  
**Gloves:** Avoid contact with the skin. When preparing spray wear elbow-length PVC gloves.  
**Respiratory:** Do not inhale spray mist.

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

<b>Appearance:</b>	Pale yellow liquid
<b>Odour:</b>	Negligible
<b>pH:</b>	8.2 (undiluted)
<b>Vapour Pressure:</b>	As per water
<b>Solubility:</b>	Forms an emulsion in water
<b>Specific Gravity:</b>	1.03 – 1.05 g/mL at 20°C

## SECTION 10: STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Non-flammable. Stable under recommended storage and handling conditions (See Section 7).
<b>Conditions to Avoid:</b>	Extreme heat.
<b>Incompatible Materials:</b>	Avoid oxidising agents.
<b>Hazardous Decomposition Products:</b>	In the event of a fire, oxides of carbon and nitrogen may be released.
<b>Hazardous Reactions:</b>	None known.

## SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology of this product has not been determined.

### ACUTE HEALTH EFFECTS (Active Ingredient - pyriproxyfen)

#### Toxicology

<b>Swallowed:</b>	NOT HARMFUL. (LD <sub>50</sub> rat: > 5000 mg/kg)
<b>Skin:</b>	LOW TOXICITY. (LD <sub>50</sub> rat: > 2000 mg/kg) Contact with skin is not expected to be harmful.
<b>Inhalation:</b>	LOW TOXICITY. (LC <sub>50</sub> (4 hr) rat: > 1300 mg/kg) Inhalation of vapour is not expected to be harmful.

#### Irritation

<b>Skin:</b>	NON-IRRITANT (rabbit)
<b>Eye:</b>	NON-IRRITANT (rabbit)

## SECTION 12: ECOLOGICAL INFORMATION

**DO NOT contaminate streams, rivers or waterways with the chemical or used containers.**

### ECOTOXICITY (Active Ingredient- pyriproxyfen)

The ecotoxicity of this product has not been determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

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 land fill is available, bury the containers below 500 mm 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.

## SECTION 14: TRANSPORT INFORMATION

Classified as not dangerous in the meaning of Australian road and rail transport regulations.

<b>Proper Shipping Name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE N.O.S. (pyriproxyfen)
<b>Class:</b>	9
<b>UN Number:</b>	3082
<b>Hazchem Code:</b>	NA
<b>Packing Group:</b>	III

## SECTION 15: REGULATORY INFORMATION

**Registration Status:** Australian Pesticides and Veterinary Medicines Authority (APVMA) approval number 45923.

## SECTION 16: OTHER INFORMATION

**Abbreviations:**

**NA** Not Applicable  
**NDA** No Data Available  
**Revision Date:** September 2014  
**Revision Number:** 6

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.