

AUSTRALIA

**POISON**

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# Procide<sup>®</sup> 80SC

Insecticide / Miticide

ACTIVE CONSTITUENT:  
80g/L BIFENTHRIN

**GROUP 3A INSECTICIDE**

For the control of pests  
in roses, carnations and other  
ornamental plants as per the  
Directions For Use Table.



Contents  
**1 litre**



## General Instructions

Procide 80SC is a contact and residual insecticide/miticide. It can be used as a protective treatment when applied at regular intervals or as a knockdown treatment to control existing pests. Best results are obtained when Procide 80SC is applied before pest populations build up to damaging levels.

## Insecticide Resistance Warning

**GROUP 3A INSECTICIDE**

For insecticide resistance management Procide 80SC Insecticide/Miticide is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Procide 80SC and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Procide 80SC or other 3A insecticides are used repeatedly. The effectiveness of Procide 80SC on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Everris Australia Pty Ltd accepts no liability for any losses that may result from the failure of Procide 80SC to control resistant insects. Procide 80SC may be subject to specific resistance management strategies. For further information contact your local supplier or ICL representative.

## Application

Procide 80SC is a suspension concentrate requiring dilution with water prior to use. Applications should be made with equipment calibrated to deliver a fine dilute spray in a suitable volume to ensure thorough coverage of both leaf surfaces. Use suitable application equipment and preferably cone nozzle combinations to deliver appropriate spray volume and a droplet size of 150 to 200 microns. DO NOT apply as a fog or mist.

## Mixing

Add the required quantity of Procide 80SC to water in the spray tank and mix thoroughly. Maintain agitation during mixing and application.

## Compatibility

Procide 80SC is compatible with commonly used fungicides such as Dithane® M45, Antracol®, Bravo® 500 and Kocide®. \*

## Surfactants

Procide 80SC contains a surfactant. Additional surfactant may be necessary on hard to wet plants and high volume situations.

### **Protection of wildlife, fish, crustacea and the environment**

Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

### **Protection of livestock**

Dangerous to bees. DO NOT spray any plants in flower when bees are foraging. Spray in the night or early morning when bees are not actively foraging.

### **Spillage**

In case of spillage, confine and absorb spilled product with absorbent material such as sand, clay or cat litter. Dispose of waste as indicated below or according to Australian Standard AS2507 – Storage and Handling of pesticides. DO NOT allow spilled product to enter sewers, drains, creeks or any other waterways.

### **Directions for use**

See next page.

\*Dithane® M-45 registered trademark of Dow AgroSciences; Antracol® registered trademark of Bayer CropSciences; Bravo® registered trademark of Syngenta; Kocide® registered trademark of DuPont. Procide® is a registered trademark of Evertis International BV.

### **Storage and disposal**

Store in closed original containers, in a cool well ventilated area away from children. Do not store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. To recycle container, visit [drummuster.org.au](http://drummuster.org.au) for details on container recycling, cleaning standards and collections in your area. If an approved waste management facility is not available bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty container or product.

### **SAFETY DIRECTIONS**

Poisonous if swallowed. May irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length PVC/nitrile gloves. When using the prepared spray wear protective waterproof clothing, gloves and water resistant footwear. After each day's use, wash gloves and contaminated clothing. Wash hands after use.

## Directions for use

### Restrains

DO NOT use in situations where predatory mites are established and providing effective mite control.

DO NOT apply if rainfall is expected before spray deposits dry on leaf surfaces.

Crop	Roses, Carnations & other ornamental plants	
Pest	Rate	Critical Comments
Two Spotted mite <i>Tetranychus urticae</i>	35mL or 50mL/ 100L	Apply at first sign of pest infestation and before pest populations build up to damaging levels. Repeat as necessary on a 10-14 days interval. Best results are obtained from preventative rather than curative applications. Where indicated, use the higher dosage for knockdown of established pest infestations or when longer residual activity is required. Spray to the point of run off using a spray volume of 10-15 litres per 100 square metres covering both leaf surfaces.
Aphids	25mL/ 100L	
Caterpillars and loopers including heliothis (corn ear worm, native budworm) <i>Helicoverpa spp</i> , light brown apple moth <i>Epiphyas postvittana</i> , and geranium plume moth <i>Sphenarches anisodactylus</i>	25mL/ 100L	Apply at first sign of pest infestation and before pest populations build up to damaging levels. Repeat as necessary on a 10-14 days interval. Best results are obtained from preventative rather than curative applications. Spray to the point of run off using a spray volume of 10-15 litres per 100 square metres covering both leaf surfaces.
Whitefly <i>Trialeurodes vaporariorum</i> Poinsettia white fly <i>Bemisia tabaci</i> Biotype B	25- 50mL/ 100L	Apply at the first sign of pest activity and repeat at intervals of 7-10 days while pest pressure persists. More than three sprays may be required to control an existing infestation. Spray to the point of run off covering both leaf surfaces. Use the higher rate when pest pressure is high, when conditions favour pest development or when increased residual protection is required.
Mealy bug <i>Pseudococcus longispinus</i>	25mL / 100L	Apply at the first sign of pest activity and repeat at intervals of 7-10 days while pest pressure persists. Spray to the point of run off covering both leaf surfaces.
Plague thrips <i>Thrips imaginis</i> , <i>Thrips simplex</i> and <i>Thrips hawaiiensis</i>	25mL / 100L	Apply at the first sign of pest activity and repeat at intervals of 7-10 days while pest pressure persists. Ensure that flowers and buds are sprayed. Spray to the point of run off. When buds are opening rapidly and pest pressure is high reducing the spray interval to 3-4 days will give better results. Monitor the population by regular inspection.
Cutworm <i>Agrotis spp.</i> in beds, containers and pots	1.5 L/ha 15mL/ 100m <sup>2</sup>	Spray evenly over the area to be treated. After application apply approximately 5mm of sprinkler irrigation.
	7.5mL/ 100L	Apply as a drench at the rate of 2 litres of prepared spray per square metre of pot area.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26.

## Safety Data Sheet

Further information on this product is contained in the Safety Data Sheet (SDS) available from product suppliers or the manufacturer.

## DANGER

### GHS Hazard Statements

- Harmful if swallowed
- Harmful if inhaled
- Suspected of causing cancer
- Causes damage to organs

### GHS Precautionary Statements

- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Do not breathe dust/fume/gas/mist/vapors/spray



### EMERGENCY INFORMATION PANEL

**IN AN EMERGENCY DIAL  
000 POLICE FIRE BRIGADE,  
AMBULANCE**

**SPECIALIST ADVICE IN  
EMERGENCY ONLY 24 HOURS  
PHONE 02 8014 4558**

APVMA Approval No. 55020/56694



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