

## DIRECTIONS FOR USE

Situation	Insects Controlled	States	Rate	Critical Comments
Domestic, Public Service Areas, Agricultural Buildings and Commercial Industrial Areas	Cockroaches	All States	110 mL/10 L water	Apply thoroughly to cracks, crevices and other areas where cockroaches may hide. Apply to run off point. A thorough wetting of the areas is essential. DO NOT apply to carpets, mats or soft furnishings.
	Fleas, Ants, Spiders, Silverfish, Bed Bugs, Flies			Apply thoroughly to all areas to be treated to run off point. DO NOT apply to carpets, mats or soft furnishings.
	Flying Insects in inaccessible places		50 mL/500 mL of diluent to 500 cubic metres air space	Dilute product with white oil or odourless petroleum distillate and apply as a fog for domestic or commercial situations. For outdoor use kerosene may be used.
	Mosquito Larvae	Qld only	56 mL/10 L water	Apply dilute spray to stagnant pools and other mosquito larvae harbourages, not containing fish, at the rate of 10 L per 1,000 m <sup>2</sup> for each 10 cm depth of water. <b>Note:</b> DO NOT apply to fish bearing water.
Mosquitoes		42 mL/10 L water	Apply dilute spray at the rate of 10 L/200 m <sup>2</sup> or to run off. Apply as a residual surface treatment.	
Stored Grain Admixture Treatment	Insect pests of stored cereal grain (except Lesser Grain Borer)	All States	4.5 mL/1 tonne grain	Calibrate spray equipment to apply recommended chemical rate to grain flow in auger. Apply in a convenient quantity of water to give uniform admixture. DO NOT exceed application rate (equivalent to 4 ppm pirimiphos-methyl). To control <i>Rhyzopertha dominica</i> , include a chemical approved for this use. <b>Admixture treatment – Cereal Grains:</b> For rice, apply <b>only</b> to paddy rice prior to milling.
Disinfestation of grain storages and equipment: <i>Unpainted concrete</i>	22 mL/L water		Apply at a rate of 5 L per 100 m <sup>2</sup> . To control <i>Rhyzopertha dominica</i> , include a chemical approved for this use.	
Disinfestation of grain storages and equipment: <i>Galvanised iron, painted concrete, hard and soft timber and masonite</i>	11 mL/L water		Apply at a rate of 5 L per 100 m <sup>2</sup> .	
Stored Peanuts Admixture Treatment	Insect pests of stored peanuts (except Lesser Grain Borer)	Qld only	22 mL/1 tonne nuts in shell	Calibrate spray equipment to apply recommended chemical rate as peanuts enter storage. Apply in a convenient quantity of water to give uniform admixture.
Disinfestation of storage areas: <i>Unpainted concrete</i>	22 mL/L water		Apply at rate of 5 L of solution per 100 m <sup>2</sup> .	
Disinfestation of storage areas: <i>Galvanised iron, painted concrete, hard and soft timber and masonite</i>	11 mL/L water			
Refuse Tips	Fly control	All States	100 mL/50 L water over 500 m <sup>2</sup>	-

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

IN WESTERN AUSTRALIA, FOR DISINFESTATION OF GRAIN STORAGES AND EQUIPMENT AND TREATMENT OF STORED GRAIN BY BULK GRAIN HANDLING AUTHORITIES ONLY

WITHHOLDING PERIOD Cereals, Peanuts: NOT REQUIRED WHEN USED AS DIRECTED.

# POISON

## KEEP OUT OF REACH OF CHILDREN

### READ SAFETY DIRECTIONS BEFORE OPENING OR USING



**ACTIVE CONSTITUENT: 900 g/L PIRIMIPHOS-METHYL**  
(an anticholinesterase compound)

**GROUP 1B INSECTICIDE**

For the control of insect pests in and around domestic, public service areas, agricultural buildings, commercial and industrial areas and refuse tips. Also for use as an admixture treatment for the control of insect pests (except Lesser Grain Borer) in stored cereal grain and peanuts, and for disinfestation of empty grain and peanut stores and equipment as per Directions for Use.

## 5 LITRES

APVMA Approval No. 59710/5/0605

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## GENERAL INSTRUCTIONS

### Mixing

Slowly add the required amount of ACTELLIC 900 to water in the spray tank under agitation.

### Application

**Storages and Grain Handling Equipment:** Storages and grain handling equipment should be cleaned thoroughly prior to treatment. Particular attention should be given to cracks, crevices and other sites where pests are believed to shelter. Spray walls, floors and equipment upon emptying silos and sheds and immediately prior to the introduction of the new season's grain.

**Public Health Situations:** ACTELLIC 900 has a distinct odour which dissipates with time. When using ACTELLIC 900 indoors, ventilation is required. Apply the diluted insecticide by means of a pressurised or other sprayer capable of giving a coarse spray, directly onto exposed surfaces frequented by the pests. DO NOT apply to carpets, mats or soft furnishings as odour may persist. DO NOT store diluted insecticide. Prepare a fresh spray as required.

### Where to apply

**Ants:** Nests, runs, walls, drains, ant trails, windows, doors and resting places where ants are seen.

**Cockroaches:** Walls, cupboards, skirting boards, behind sinks, stoves and pipes. Pay particular attention to cracks and crevices.

**Flies:** Refuse tips, resting area (eg ceiling, windows, screens).

**Fleas:** Skirting, floors and carpets, kennels, bedding and adjacent wall area.

**Spiders:** Exposed surfaces where spiders are seen, nests and known hiding places.

**Silverfish:** Walls, cupboards, cracks and crevices, ceilings and enclosed floor spaces.

**Houseflies and Mosquitoes:** All exposed surfaces where these flying insects may rest (eg walls, ceilings, verandahs).

**Mosquito Larvae:** Unused water troughs, stagnant ponds and other mosquito larvae harbourages.

**Bed bugs:** Skirting boards, floors and adjacent wall area. Machine wash bed linen at time of treatment to destroy bed bugs in sheets and blankets.

### Compatibility

ACTELLIC 900 can be mixed with other suitable chemicals where the control of *Rhyzopertha dominica* is required.

### Insecticide Resistance Warning

For insecticide resistance management, ACTELLIC 900 is a Group 1B insecticide. Some naturally occurring insect biotypes resistant to ACTELLIC 900 and other Group 1B insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if ACTELLIC 900 or other Group 1B insecticides are used repeatedly. The effectiveness of ACTELLIC 900 on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, AgNova Technologies Pty Ltd accepts no liability for any losses that may result from the failure of ACTELLIC 900 to control insects. ACTELLIC 900 may be subject to specific resistance management strategies. For further information, contact your local supplier, AgNova Technologies representative or local agricultural department agronomist.

### PRECAUTIONS

**Public Health Situations:** Cover all foodstuffs before application. DO NOT allow spray to contact food, food preparation surfaces or utensils. DO NOT spray directly on humans, exposed food or food utensils. DO NOT apply to carpets, mats or soft furnishings as odour may persist.

### PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the product or used containers. Remove or cover fish tanks before use.

### PROTECTION OF VEHICLES AND PROPERTY

Dilute spray droplets or drips of applied ACTELLIC 900 falling onto duco of parked vehicles or onto vehicles entering premises recently treated (prior to treatment drying) may cause potential damage to the duco of vehicles.

ACTELLIC 900 may react with some surface paints and lacquers used on certain pavers and imprinted concrete. Treat a small area before widespread use.

### STORAGE AND DISPOSAL

**Warning:** Avoid storage in cold conditions. Gradual crystallisation may occur at low temperatures (<-5°C) resulting in separation of the active ingredient.

Batch Number:

Date of Manufacture:

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.

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 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.

**Disposal of Treated Grain Dust:** Treated grain dust may have an unacceptably high content of pirimiphos-methyl, and should be disposed of by burial in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

### SAFETY DIRECTIONS

Product is poisonous if absorbed by skin contact, inhaled or swallowed. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. DO NOT inhale spray mist. Obtain an emergency supply of atropine tablets 0.6 mg.

When preparing spray and using the prepared spray for space applications wear:

- elbow length PVC gloves and face shield.

When using in enclosed spaces wear:

- elbow length PVC gloves; and
- full-face respirator with combined dust and gas cartridge.

If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield, respirator, and if rubber wash with detergent and warm water, and contaminated clothing.

### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126. If swallowed, give one atropine tablet every 5 minutes until dryness of the mouth occurs. If poisoned by skin absorption or through lungs, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

### NOTE TO DOCTOR

2 mg Atropine Sulphate should be given by IM or SC injection repeated every 5 to 8 minutes until signs of atropinisation appear. 1 g of Pralidoxime (inj. Pam) may also be given by IM or IV injection and the dose may be repeated if necessary. If symptoms of respiratory failure appear, use artificial respiration.

### MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy, phone (02) 9617 2323 or visit our website at [www.agnova.com.au](http://www.agnova.com.au).

### COMPANY WARRANTY

The statements, technical information and recommendations contained herein are believed to be accurate. Since the conditions and methods of use of this product and of the information referred to herein are beyond our control, AgNova Technologies Pty Ltd expressly disclaims any and all liability as to any results obtained or arising from any use of this product or reliance on such information. No warranty to fitness for any particular purpose, warranty or merchantability or any other warranty, express or implied, is made concerning the goods described or the information provided herein nor shall AgNova Technologies Pty Ltd be liable for any loss, damage or injury, direct or consequential, arising out of the use of this product.

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**UN No. 1224, KETONES LIQUID, N.O.S.**  
**(CONTAINS METHYL ISOBUTYL KETONE),**  
**PACKAGING GROUP III, HAZCHEM 3 MARINE POLLUTANT**



In a transport emergency dial 000, Police or Fire Brigade.  
For specialist advice in an emergency only, call 1800 033 111 (24 hours).