

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

# PYZAP

**INSECTICIDE BY C RUDDUCK**  
**ACTIVE CONSTITUENTS:**  
**40 g/L PYRETHRINS**  
**160 g/L PIPERONYL BUTOXIDE**



**GROUP 3A INSECTICIDE**

**For indoor and outdoor use for the control of a wide range of insects including insect pests of household and agricultural situations as per the DIRECTIONS FOR USE table.**

**CONTENTS: 250mL, 500mL, 1L, 5L, 20L**

Manufactured by:

**C RUDDUCK PTY LTD**  
 247 INGLES STREET, PORT MELBOURNE, VIC 3207  
 PHONE: 03 9676 4444

**DIRECTIONS FOR USE**  
**RESTRAINTS:** DO NOT apply if rain is expected within 2 hours.  
 DO NOT mist in windy conditions.

CROP/SITUATION	PEST	RATE	CRITICAL COMMENTS
Fruit and vegetable crops	Ants, aphids, thrips, caterpillars, leafhoppers, whiteflies	Mix 2 mL per 1 L of water	Apply as a fine mist spray when infestation occurs. Pests must be contacted with spray. Monitor treated crops for surviving pests. If pests have not been adequately controlled reapply PyZap or apply an insecticide with a different mode of action.
Ornamentals	Ants, aphids, thrips, caterpillars, leafhoppers, whiteflies	Mix 2 mL per 1 L of water	Apply as a fine mist spray when infestation occurs. Pests must be contacted with spray.
Ferns, Indoor Plants	Ants, aphids, thrips, caterpillars, leafhoppers, whiteflies	Mix 2 mL per 3 L of water	Apply as a fine mist spray when infestation occurs. Pests must be contacted with spray.
Domestic, commercial, industrial and public buildings including: food processing establishments, shops, factories, hotels and motels, ships, shipping containers, offices, schools, storerooms, warehouses, hospitals, barracks, private houses and external areas associated with such establishments. Agricultural buildings including: storage sheds, milking sheds, poultry sheds, barns, kennels and stables.	Flies, mosquitoes, ants, silverfish, moths, cockroaches, grain weevils, spiders, earwigs, beetles and other flying insects	Surface Spray 125-170 mL/100 m <sup>2</sup>	Dilute with suitable volume of water and use hand held or knapsack sprayers. For treatment of crawling insects direct spray into cracks and crevices.
		Space Spray or cold fog 35 mL/1000 m <sup>3</sup>	Dilute with suitable volume of water and direct spray or fog to all parts of the area.
		Thermal (Hot) fogging 70 mL/1000 m <sup>3</sup>	Dilute with suitable volume of oil and using thermal fogging equipment, fog to all parts of the area.
Outdoors	Adult mosquitoes, midges and flies	500 mL/ha	Dilute with suitable volume of oil and use through misting or fogging equipment.

# Refer to **Mixing and Application** instructions for dilution rates in water and oil.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**  
**WITHHOLDING PERIOD: DO NOT HARVEST FOR 1 DAY AFTER SPRAYING.**

PyZap Insecticide with Natural Pyrethrum contains pyrethrum extracted from pyrethrum daisies. The natural extract is formulated with other synthetic constituents to optimize effectiveness.

**GENERAL INSTRUCTIONS**  
**INSECTICIDE RESISTANCE WARNING**

For insecticide resistance management PyZap is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to PyZap 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 PyZap or other Group 3A insecticides are used repeatedly. The effectiveness of PyZap on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to predict prior to use, C Rudduck Pty Ltd accepts no liability for any losses that may result from the failure of PyZap to control resistant insects. PyZap may be subject to specific resistance management strategies. For further information contact your local supplier, C Rudduck or local agricultural department agronomist.

**GROUP 3A INSECTICIDE**

**MIXING / APPLICATION**

Shake original container well before use.  
 For Crop, Ornamental or Fern / Indoor plant use, dilute with water in accordance with the Directions for Use table.  
 For SURFACE SPRAY and SPACE SPRAY/COLD FOGGING treatments dilute 100 mL of PyZap per 900 mL water (or oil for thermal fogging application). Apply this diluted rate over area or volume indicated under **Directions For Use** table and in accordance with the equipment manufacturer's recommendations for the output rates required.  
 Periodically agitate suspension during application to ensure mixing.  
 DO NOT store diluted insecticide. Prepare a fresh solution as necessary.  
 DO NOT spray the moving parts of any machinery, electric motors or switchgear.

**EQUIPMENT**

PyZap may be sprayed through boom sprayers, misting equipment, thermal fogging equipment, cold aerosol generating ULV equipment, hand-held or knapsack sprayers in accordance rates and situations specified in the Directions for Use table.

**PRECAUTIONS**

AVOID CONTACT WITH FOOD, FOOD UTENSILS, OR PLACES WHERE FOOD IS PREPARED OR STORED.

**BEFORE USE** – REMOVE OR COVER ALL EXPOSED FOODSTUFFS. COVER ALL DISHES AND UTENSILS, AND SURFACES WHERE FOOD IS TO BE PREPARED OR STORED.

**AFTER USE** – THOROUGHLY VENTILATE TREATED AREA. CLEAN THOROUGHLY BEFORE PROCESSING/SERVING RESUMES.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS 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 PETS AND LIVESTOCK**

Before spraying, remove animals and pets from areas to be treated. Cover or remove any open food and water storage containers. Cover or remove fish ponds, aquariums, etc before spraying. Dangerous to bees. DO NOT spray any plants in flower while bees are foraging.

**STORAGE AND DISPOSAL**

KEEP OUT OF REACH OF CHILDREN. Store in closed, original container in a dry cool, well ventilated area. Avoid storage at temperatures below 15°C if possible. If product is stored below 15°C some haziness may be apparent, which will disappear on shaking container. 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 deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and setup for this purpose clear or waterways, desirable vegetation and tree roots, in compliance with relevant Local, State and Territory government regulations. DO NOT burn empty containers or product.

**SAFETY DIRECTIONS**

Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. DO NOT inhale vapour. Wash hands after use.

**FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131126. Batch No.

**MSDS**

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

Date of Manufacture

APVMA Approval No.: 61779/54937

MADE IN AUSTRALIA