

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

# Doxem Precise<sup>®</sup> Insecticide

**ACTIVE CONSTITUENT: 8 g/kg INDOXACARB (25:75) (equivalent to 6 g/kg active s-isomer)**

<b>GROUP</b>	<b>22A</b>	<b>INSECTICIDE</b>
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**Situations: Commercial, Domestic, Industrial and Public buildings**

**Controls: Cockroaches and Ants**

## **CONTENTS:**

**STARTER KIT** contains 4 x 5 g cartridges which it is illegal to sell separately, Precision Delivery System.

**REFILL PACK** contains 4 x 5 g cartridges which it is illegal to sell separately.

*Comments in e-label: Precision delivery system (PDS) includes a hand-held gun and plastic/steel applicators with/without holster. PDS will also be available for sale separately on its own. 4 x 5 g cartridges will be packed in a cardboard box with label printed on the box.*

APVMA Approval No.: /

**ADAMA Australia Pty. Ltd.** ABN 55 050 328 973

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[Measure pack – 5 g jar]

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# **Doxem Precise<sup>®</sup> Insecticide**

**ACTIVE CONSTITUENT: 8 g/kg INDOXACARB (25:75) (equivalent to 6 g/kg active s-isomer)**

Net Contents: 5 g

Not to be sold separately.  
Before use read all directions on the outer pack.

APVMA Approval No.: /

[end measure pack label]

**DIRECTIONS FOR USE**

**RESTRAINTS:**

DO NOT allow contact with food, livestock feed or their water.

SITUATIONS	PEST	RATE/Bait	CRITICAL COMMENTS																
Domestic, commercial, industrial and public buildings: - including food processing establishments, shops, factories, ships, offices, schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments.	Cockroaches including American, German and Oriental, Ants	<b>Low:</b> 0.05 g <b>Medium:</b> 0.075 g <b>High:</b> 0.15 g (See table in CRITICAL COMMENTS for details)	<p>Apply thoroughly to all areas where these pests crawl and hide, especially in cracks and crevices, voids and hidden surfaces around sinks and storage areas, behind baseboards, around doors and windows, cabinets, stoves, behind refrigerators and in attics and crawl spaces. For void applications, insert application straw into the void and dispense bait for 2 to 8 seconds. For smaller voids, or light infestations, use the lower end of the specified rate range. For large voids, or heavy infestations, use the upper end of the specified rate range.</p> <p><b>Outdoor treatments for control of ants:</b> Inject into cracks and crevices around windows and doors, porches, screens, eaves, patios, garages, under stairways, in open crawl spaces, and under siding or exterior construction elements and other areas where insects may be nesting.</p> <p><b>Application rate:</b> The amount to be applied will vary with the site, species of cockroach and level of infestation. Concentrate treatment at insect activity sites. For light infestations a minimum of 5-7 bait points are recommended per 10 m<sup>2</sup>. For heavy infestation, a minimum of 10 – 20 bait points are recommended per 10 m<sup>2</sup>. Check bait placements regularly and reapply when necessary. Bait dispenses at a rate of 0.02 gram per 1 second of trigger activation time. Each cartridge/canister contains 5 grams of bait and will provide between 33-100 bait placements per cartridge/canister depending on the application time.</p> <table border="1"> <thead> <tr> <th>Rate</th> <th>Amount of product applied</th> <th>Amount of time to Actuate trigger (seconds)</th> <th>Total number of placements in 5 g cartridge</th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>0.05 g</td> <td>2.5</td> <td>100</td> </tr> <tr> <td>Medium</td> <td>0.075 g</td> <td>3.75</td> <td>67</td> </tr> <tr> <td>High</td> <td>0.15 g</td> <td>7.5</td> <td>33</td> </tr> </tbody> </table>	Rate	Amount of product applied	Amount of time to Actuate trigger (seconds)	Total number of placements in 5 g cartridge	Low	0.05 g	2.5	100	Medium	0.075 g	3.75	67	High	0.15 g	7.5	33
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**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**

**GENERAL INSTRUCTIONS**

This product is intended for application with the supplied applicator intended for use with dry flowable baits to hiding and runway areas and those places where pests are found. Apply insecticide directly into cracks and crevices. Apply lightly and uniformly to infested areas. Pay particular attention to cracks and crevices, service ducts, false floors and ceilings, wall voids, around electrical and telephone fittings and equipment, around water and sewer pipes, under and behind cabinets, refrigerators and sinks, around

window and door frames, and in attics and crawl spaces. Any powder visible after application must be brushed into cracks and crevices or removed.

#### **Applicator Instructions for the Precision Delivery System™ (PDS):**

1. Insert the battery into the Precision Delivery System prior to loading dry flowable products.
2. To insert the 9V battery, unscrew the small screw on the back ledge/underside of top of the PDS unit. The top cover will lift off. Place the 9V battery into the housing as indicated and replace the top cover. Tighten the cover back down with the screw.
3. To load bait into the Precision Delivery System (PDS), remove bait cartridge from packaging and unscrew the lid. Firmly screw the bait canister into the underside of the PDS. Be sure to keep the bait cartridge upright to prevent spillage, and do not over tighten. Retain the cartridge lid for storage after application is complete.
4. Insert the appropriate application straw into the opening on front of the PDS. Do not use PDS unit without an application straw.
5. Move the switch, located on the back of the PDS to “on.”
6. To dispense bait, insert the appropriate application straw into the desired crack, crevice or void. Depress the trigger for the appropriate amount of time. The trigger can be held down to dispense a continuous flow of bait material into a large void if necessary.
7. To replace an empty bait cartridge, unscrew the used cartridge and dispose of it as directed.

#### **Insecticide Resistance Warning**

For insecticide resistance management

<b>GROUP</b>	<b>22A</b>	<b>INSECTICIDE</b>
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DOXEM PRECISE® Insecticide is a Group 22A insecticide. Some naturally occurring insect biotypes resistant to DOXEM PRECISE® and other Group 22A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if DOXEM PRECISE® or other Group 11A insecticides are used repeatedly. The effectiveness of DOXEM PRECISE® on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of DOXEM PRECISE® to control insects. DOXEM PRECISE® may be subject to specific resistance management strategies. For further information contact your local supplier, Adama representative or local agricultural department agronomist.

#### **PRECAUTIONS**

Cover all foodstuffs before application. DO NOT allow spray to contact food, food preparation surfaces and utensils.

Before use, remove or cover all exposed foodstuff. Cover all dishes and utensils and surfaces where food is prepared or stored.

When used in indoor situations, immediately clean up any exposed product that is not within the treated cracks, crevices, harbourages or treatment holes.

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

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

#### **STORAGE AND DISPOSAL**

Store in the closed, original container in a dry, cool well-ventilated area out of direct sunlight. Tap and completely empty any remaining product into new cartridge and attach the new cartridge to the Precision Delivery System. Dispose of empty container by wrapping in paper, placing in plastic bag and putting in garbage.

#### **SAFETY DIRECTIONS**

Wash hands after use.

#### **FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126.

**SDS**

Additional information is listed in the safety data sheet (SDS). A safety data sheet for DOXEM PRECISE® is available from [adama.com](http://adama.com) or call Customer Service on 1800 423 262.

**CONDITIONS OF SALE**

The use of DOXEM PRECISE® Insecticide being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia regarding its suitability, fitness or efficiency for any purposes for which it is used by the buyer, whether in accordance with the Directions for Use or not. Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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Batch Number:

Date of Manufacture: