



**Control Solutions Inc.**

A member of the ADAMA Group

# Doxem<sup>®</sup> Precise

## Insecticide

Dry Flowable Cockroach Bait

**KILLS:** Ants (excluding fire, pharaoh, harvester, and carpenter ants), Booklice, Carpet Beetles, Cockroaches (indoor use only), Crickets, Drugstore Beetles, Earwigs, Firebrats, Flour Beetles, Grain Weevils, Pillbugs, Silverfish and Sowbugs.

**FOR USE IN:** Apartments, Campgrounds, Garages, Food Storage Areas, Homes, Hospitals and Nursing Homes†, Hotels, Meat Packing and Food Processing Plants, Motels, Resorts, Restaurants and other Food Handling Establishments, Schools\*, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes\*\*), Utilities, Warehouses, and other Commercial and Industrial Buildings.

†Make applications only in unoccupied areas and patient/resident rooms when occupants are not present.

\*Do not apply to classrooms when in use.

\*\*Do not apply in cockpit.

**ACTIVE INGREDIENT:**

Indoxacarb* .....	0.6%
OTHER INGREDIENTS: .....	<u>99.4%</u>
<b>TOTAL:</b> .....	<b>100.00%</b>

\* (S)-methyl 7-chloro-2,5-dihydro-2-[[[(methoxy-carbonyl)[4(trifluoromethoxy)phenyl]amino]carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a-(3H)-carboxylate



ADAMA  
Consumer & Professional Solutions

Manufactured for:  
Control Solutions, Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

EPA Reg. No: 53883-438  
EPA Est. No: 53883-TX-002  
Net Contents: 20 Grams

# KEEP OUT OF REACH OF CHILDREN

## CAUTION

See insert label for First Aid, Precautionary Statements, Directions for Use and additional information

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns or pesticide incidents), call SafetyCall® International at 1-866-897-8050, twenty-four (24) hours per day, seven (7) days per week (privacy@safetycall.com). OR For information on this pesticide product (including health concerns or pesticide incidents), call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Time (NPIC Web site: www.npic.orst.edu). After 12:00 PM Pacific Time Weekdays and during the weekend, call your poison control center at 1-800-222-1222.	

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Do not apply where children (or domestic animals) are likely to come in frequent contact with treated areas. Any powder visible after application is complete should be brushed into cracks or crevices or removed by cleaning the area with a cloth and mild detergent solution. No generalized dusting should be done in household areas accessible to children or pets.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow coming in contact with oxidizing agent. Hazardous chemical reaction may occur.

#### USER SAFETY RECOMMENDATIONS

**USERS SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

- Do not apply to humans, animals, clothing or bedding.
- Do not use on or contaminate fruit, vegetables or other food or feed crops.
- Do not contaminate feed or food products or food preparation surfaces, dishes, kitchen utensils and food containers.
- Do not dispense this product with power dusters in confined areas (i.e. attics, hot water heater closets, furnace rooms, etc.) in the presence of open flames, such as pilot lights.
- Do not use metal straw/tube/application injector when working around electrical equipment.

## PRODUCT INFORMATION

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, dishwashers, other installed appliances 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 overtighten. 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.
8. Bait dispenses at a rate of 0.02 grams 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 (See Table Below).

### **Application Rates:**

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, place bait in harborage areas, cracks and crevices with a minimum of 5-7 bait placements per 100 ft<sup>2</sup>. For heavy infestations, treat harborage, cracks and crevices with a minimum of 10-20 bait placements per 100 ft<sup>2</sup>. During follow-up visits, inspect the baited area and reapply when necessary.

For void applications, insert application straw into the void and dispense bait for 2 ½ to 7 ½ 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.

Rate	Grams of Doxem® Precise Applied	Amount of time to actuate trigger	Total # placements in 5 g canister
Low	0.05	2.5 seconds	100
Medium	0.075 g	3.75 seconds	67
High	0.15 g	7.5 seconds	33

### **INDOOR TREATMENTS**

**COCKROACHES, ANTS (excluding fire, pharaoh, harvester, and carpenter ants) AND CRICKETS:** 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, pantries, stoves, behind refrigerators and other installed appliances and in attics and crawl spaces. Check bait placements regularly and replace as needed.

**EARWIGS, PILLBUGS AND SOWBUGS:** Apply in cracks and crevices around doors and windows and other places where these pests may enter premises. Treat voids and other enclosed locations where these pests may hide or are found.

**STORED PRODUCT PESTS - Including Drugstore Beetles (exposed adult and larva stages), Flour Beetles and Grain Weevils:** Remove all food, utensils, serving ware and non-adhesive shelving paper before treatment. Treat cracks and crevices and/or voids where these insects may be harboring. Infested areas include, but are not limited to, cracks and crevices in cabinets, pantries and wall voids. During follow-up visits, inspect bait placements and reapply when necessary. Cover shelves with shelving paper after treatment. Destroy or discard infested food packages.

**SILVERFISH:** Apply in cracks and crevices where these pests are found. Treat voids and enclosed locations where these pests may hide or are found. Treatment may be made to voids in/near food pantries, kitchen and bathroom cabinets, behind baseboards, around doors, around windows, behind wall paper, in wall voids, in attics, in crawl

spaces and other construction voids. During follow up visits, inspect bait placements and reapply when necessary.

**CARPET BEETLES - Including Black, Furniture and Varied:** Apply to cracks and crevices where these insects are found.

**AIRCRAFT CABINS:** Apply bait in suspected and infested cockroach areas. Place a bait placement in areas between elements of construction. Use 5 - 20 bait placements/100 ft<sup>2</sup>. Do not apply any bait in cockpit area.

**FOOD AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS:** Food/feed handling establishments are places other than private residences in which food/feed is held, processed, prepared or served. **APPLICATIONS OF THIS PRODUCT IN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS ARE LIMITED TO CRACK AND CREVICE TREATMENT ONLY AND MAY OCCUR WHEN FACILITY IS IN OPERATION.** Food areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) would also be considered a food area. Apply product according to the level of infestation as prescribed in the General Instructions into cracks and crevices associated with wall voids, pieces of equipment, stainless steel tables, drains, storage-equipment, and dining tables. Also apply between elements of construction. During follow-up visits, inspect bait placements and reapply when necessary. Do not contaminate feed or food products or food preparation surfaces, dishes, kitchen utensils or food containers.

#### **OUTDOOR TREATMENTS**

Use for control of ants (excluding fire, pharaoh, harvester, and carpenter ants), crickets, earwigs, ground beetles, pillbugs and sowbugs. Inject into cracks and crevices around windows and doors, porches, screens, eaves, patios, garages, under stairways and in crawl spaces as well as under siding or exterior construction elements.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep this product in its tightly closed original container when not in use. Store in a cool, well-ventilated, dry (preferably locked) area that is inaccessible to children and animals. Do not store this product under wet conditions.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

**CONTAINER HANDLING: Non-refillable container.** Do not reuse or refill this container. **If Empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

### **LIMITATION OF WARRANTY AND LIABILITY**

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Control Solutions, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Control Solutions, Inc. and Seller harmless for any claims relating to such factors.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Control Solutions, Inc., and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, **CONTROL SOLUTIONS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

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