

352-652

4/19/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Tamika Davis-Cannon  
E. I. du Pont de Nemours & Company  
DuPont Crop Protection  
P.O. Box 30  
Newark, DE 19714

APR 19 2011

Dear Ms. Davis-Cannon:

Subject: New Basic and Alternate Confidential Statements of Formula  
DuPont Advion Cockroach Gel Bait  
EPA Registration No. 352-652  
Submission Date: December 8, 2010

The Agency has reviewed your submission for a Confidential Statement of Formula (CSF), and the following comments apply:

1. The Confidential Statements of Formula dated April 6, 2011 for the basic and alternate formulations agree with the label claim in compliance with PR Notice 91-2 and are acceptable. The Confidential Statements of Formula have been added to your file as part of the record and will replace all previously submitted CSFs.
2. Within 18 months of this letter, submit the results of studies for the 830-6317 (one year storage stability) and 830.6320 (corrosion characteristics) studies. For these studies it is recommended that the observations be made at 0, 3, 6, 9, and 12 month intervals.

Enclosed are the product chemistry, acute toxicity, and efficacy reviews. If you have any questions concerning this letter, please contact Jennifer Urbanski at (703) 347-0156 or [urbanski.jennifer@epa.gov](mailto:urbanski.jennifer@epa.gov).

Regards,

Venus Eagle  
Product Manager (01)  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosures: Agency Reviews (D385250, 385429, 385252)

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# DuPont™ Advion®

## COCKROACH GEL BAIT

### Professional Products

**INTENDED FOR USE BY COMMERCIAL APPLICATORS**

**FOR USE IN RESIDENTIAL, INSTITUTIONAL, COMMERCIAL, AND INDUSTRIAL AREAS**

Use sites include single and multi-family residential buildings, schools, commercial and industrial facilities (including warehouses, apartments, supermarkets, restaurants, motels, hotels, hospitals, food handling/storage establishments), and transportation equipment such as aircraft, trains, ships, boats, buses.

<u>Active Ingredient</u>	<u>By Weight</u>
Indoxacarb (S)-methyl 7-chloro-2,5-dihydro-2-[[[(methoxycarbonyl)[4(trifluoromethoxy)phenyl]amino]carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a-(3H)-carboxylate	0.6%
<u>Other ingredients</u>	99.4%
<b>TOTAL</b>	<b>100.0%</b>

EPA Reg. No. 352-652  
EPA Est. No. XXX-XXX

Net Contents: 30 grams (1.058 oz)  
Total Weight: xx oz/ xx g ( xx oz/xx g per dispenser)

**ACCEPTED**  
**APR 19 2011**  
**Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:**

EPA. Reg. No: 352-652

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

**DO NOT TREAT AREAS THAT ARE EASILY ACCESSIBLE TO CHILDREN AND PETS**

Refer to back/side panels for additional precautionary statements and First Aid

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

For information on the use of this product call DuPont Professional Products at 1-888-6-DUPONT (1-888-638-7668)

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

### PHYSICAL AND CHEMICAL HAZARDS

Do not use this product in or on electrical equipment where a possibility of shock hazard exists.



The miracles of science™

## DIRECTIONS FOR USE

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

## PRODUCT INFORMATION

DuPont™ ADVION® Cockroach Gel Bait is designed to control pest species of cockroaches such as German, American, Australian, Smoky-Brown, Brown, Asian, Oriental, and Brown-Banded.

**Use Instructions and Precautions: Do not treat areas that are easily accessible to children and pets.**

1. ADVION® cockroach gel can be used indoors or outdoors applied as a crack and crevice treatment within residential homes, industrial facilities, offices, warehouses, commercial kitchens, hospitals, schools, nursing homes, hotels, buses, trains, aircraft, retail and commercial establishments, and other areas infested with cockroaches.
2. Apply ADVION® cockroach gel to areas frequented by cockroaches such as between different elements of construction, between equipment and floors, openings leading into voids and hollow spaces in floors, walls, ceilings, equipment legs and bases, around plumbing pipes, doors and windows, and behind and under appliances, cabinets, sinks, closets, and any other equipment that cockroaches are typically known to hide.
3. Do not apply ADVION® cockroach gel to surfaces recently treated with residual sprays.
4. Do not apply residual sprays to surfaces treated with ADVION® cockroach gel.
5. Inspect bait placements during follow-up inspections and apply fresh bait as needed.
6. Do not apply to surfaces that food contacts.
7. Do not allow open foods to contact gel material.

### Treatment Rates for All Uses:

- For heavy infestations of cockroaches, apply 3 to 5 spots of ADVION® cockroach gel bait per 10 linear feet.
- For light to moderate infestations of cockroaches, apply 1-3 spots of ADVION® cockroach gel bait per 10 linear feet.
- Each spot of ADVION® cockroach gel bait must equal about 0.5 grams (approx. 1/4" diameter)
- For all levels of cockroach infestations, when a bead of ADVION® cockroach gel bait is used, apply a small thin bead that is less than 1/8" wide and approximately 2 inches long.

### Indoor Use Directions:

- Infested areas must be carefully inspected to determine overall infestation levels, locations of harborage areas, and most appropriate application points.
- Apply ADVION® Cockroach Gel as a small spot of material, approximately 0.5 grams ( approx. 1/4" in dia.), to areas not able to be contacted by children or pets.
- Several small applications distributed within an area are more effective than 1 or 2 applications of large quantities. In some cases a small thin bead (less than 1/8" wide and 2"

long) may be appropriate such as between construction elements or other cracks and crevices.

- Indoor applications include cracks and crevices along walls or floors, behind or under equipment, under tables, within framing of tables or furniture, around sinks, within or near garbage collection areas, attics, crawl spaces, and cracks and crevices in cabinets.
- Inspect ADVION® gel bait placements periodically for consumption or attractiveness and reapply as needed.

### Applications in Nonfood/Nonfeed Handling Areas:

ADVION® Cockroach Gel Bait is designed for use as a spot or crack and crevice treatment to control cockroaches in residential structures and the non-food /non-feed areas of commercial, industrial, public and institutional buildings/structures, including restaurants, warehouses, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, laboratories, computer facilities, aircraft, buses, boats/ships, trains, pet shops and zoos.

Nonfood/non-feed areas include areas such as garbage rooms, laboratories, floor drains (to sewers), entries, and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after bottling or canning). Refer to section below for use directions and restrictions when making applications in food/feed handling areas of Food/Feed Handling Establishments.

### Applications in Food/Feed Handling Areas:

Application to food/feed areas of food/feed handling establishments may only be made as a crack and crevice treatment only. Apply ADVION® Cockroach Gel Bait directly into cracks and crevices by placing the bait dispenser tip approximately 1/2 inch into cracks, crevices, holes and similar openings where cockroaches are found or are entering.

Food and feed handling 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 are also considered a food/feed area when food is exposed and facility is in operation.

- Do not apply ADVION® gel bait to areas where food/feed, food utensils or food processing surfaces may come into contact and become contaminated.
- Do not apply ADVION® gel bait to areas that are routinely washed such as cracks and crevices in tops of tables, food/feed preparation and prepared food holding surfaces as bait could be removed by the washing.
- Do not apply ADVION® gel bait to surfaces where the temperature exceeds 120-130°F because this could cause the bait to liquefy and lose effectiveness.
- Examples include, but are not limited to, parts of stoves, ovens, grills, fume hoods, saunas, heat lamps, coffee urns, steam tables, toasters, fryers, dishwashers, and hot water pipes.
- Use good application practice to avoid movement of ADVION® gel bait to exposed surfaces used for food preparation.

- If DuPont™ ADVION® gel bait contacts an exposed surface, first remove as much of the gel bait as possible, then wash with soap and water.

**Outdoor Use Directions:**

A thorough inspection around a structure may reveal areas where cockroaches are gaining access. Attempts should be made to remove the access. ADVION® cockroach gel bait may also be applied as a spot or thin bead (see above) to pest entry sites such as along windows, doors, between construction elements, sewer areas, adjacent trees which harbor cockroaches, along walls, garbage holding areas, or suitable placement site acting as a cockroach harborage. Place baits in such a way as to reduce the potential of subsequent human contact. Inspect ADVION® gel bait placements periodically and apply fresh bait as needed.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in cool, dry place inaccessible to children and pets.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Disposal: Nonrefillable Container:** Do not reuse or refill this container. Offer for recycling if available. Place empty bait dispensers in trash. If partially filled, wrap in newspaper and discard in trash or call your local solid waste authority for disposal instructions.

**NOTICE TO BUYER--**Purchase of this material does not confer any rights under patents of countries outside of the United States.

DuPont will not be responsible for losses or damages resulting from use of this product in any manner not specifically stated on this label or other labels or bulletins published by DuPont. User assumes all risks associated with such non-specified use.

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**LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read This 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.

It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil factors, off target movement, unconventional technique, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont or Seller. These risks can cause: ineffectiveness of the product or other unintended consequences.

DuPont does not agree to be an insurer of these risks. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.**

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

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