



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont  
Material Safety Data Sheet

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M0000642 "DuPont" "ADVION" COCKROACH BAIT ARENA  
Revised 23-JAN-2007

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"ADVION" is a registered trademark of DuPont.

"DuPont" is a trademark of DuPont.

CAS Name : INDOXACARB

Product Use

Insecticide For Use in Residential, Institutional, Commercial, and Industrial Areas.

Tradenames and Synonyms

INDOXACARB

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont  
1007 Market Street  
Wilmington, DE 19898

PHONE NUMBERS

Product Information : 1-800-441-7515 (outside the U.S.  
302-774-1000)  
Transport Emergency : CHEMTREC 1-800-424-9300(outside U.S.  
703-527-3887)  
Medical Emergency : 1-800-441-3637 (outside the U.S.  
302-774-1000)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
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	173584-44-6	0.5
OTHER INGREDIENTS		99.5

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**HAZARDS IDENTIFICATION**  
-----**Emergency Overview**

**CAUTION!** Wash thoroughly with soap and water after handling bait stations.

**DO NOT ALLOW CHILDREN OR PETS TO PLAY WITH THE BAIT STATIONS.**

**Potential Health Effects**

Based on animal testing, no biologically significant effects are expected from skin or eye contact or by ingestion.

The bait material containing the active ingredient is contained in a plastic station that prevents direct contact to the bait when handling. However, there is potential for allergic skin reaction by some individuals through repeated direct contact to the bait material.

**Carcinogenicity Information**

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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**FIRST AID MEASURES**  
-----**First Aid**

**IF ON SKIN OR CLOTHING:** No specific intervention is indicated as skin contact is unlikely. If skin contact occurs, remove with soap and water and rinse. Consult a physician if necessary.

**IF INHALED:** No specific intervention is indicated as the product is not likely to be hazardous by inhalation. Consult a physician if necessary.

**IF IN EYES:** No specific intervention is indicated as the product is not likely to be hazardous to the eyes. Consult a physician if necessary.

**IF SWALLOWED:** No specific intervention is indicated as the product is not likely to be hazardous by ingestion. Consult a physician if necessary.

You may contact 1-800-441-3637 for emergency medical treatment information.

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**FIRE FIGHTING MEASURES**  
-----**Flammable Properties**

Flashpoint: >100°C

Not a fire or explosion hazard.

**Extinguishing Media**

Water, Water Spray, Foam, Dry Chemical, CO2.

**Fire Fighting Instructions**

Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment.

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**ACCIDENTAL RELEASE MEASURES**  
-----**Safeguards (Personnel)**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus.

**Initial Containment**

Follow applicable Federal, State/Provincial and Local laws/regulations. Prevent material from entering sewers, waterways, or low areas.

**Spill Clean Up**

Shovel or sweep up and dispose of collected bait material in waste container.

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**HANDLING AND STORAGE**  
-----**Handling (Personnel)**

Wash thoroughly with soap and water after handling.

**Storage**

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

Store in a cool, dry place inaccessible to children and pets.

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EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## Personal Protective Equipment

No PPE is specified for use when using this product according to label directions; however, avoid contact with skin, eyes and clothing.

## Exposure Guidelines

## Applicable Exposure Limits

INDOXACARB

AEL \* (DuPont) : 1 mg/m<sup>3</sup>  
8 & 12 Hr. TWA, Respirable

\* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

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PHYSICAL AND CHEMICAL PROPERTIES  
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## # Physical Data

Form : Gel/Paste  
Color : Brown  
Odor : Characteristic/bland  
Density : 1.09 g/mL @ 22°C  
PH : 6.6  
Solubility in Water : 0.2 ppm (a.i)

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STABILITY AND REACTIVITY  
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## Incompatibility with Other Materials

None reasonably foreseeable.

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TOXICOLOGICAL INFORMATION  
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## Animal Data

## DuPont Advion Cockroach Bait Arena

Oral LD50: &gt; 5000 mg/kg in female rats

Dermal LD50: &gt; 5000 mg/kg in male/female rats

DuPont Advion Cockroach Bait Arena is not a skin or eye irritant, but is a skin sensitizer in animal tests.

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**ECOLOGICAL INFORMATION**  
-----**Ecotoxicological Information**

Note that the following results are based on tests conducted under laboratory conditions using technical indoxacarb material as the test substance. The technical indoxacarb material used in the tests contained 94.5% of the insecticidally active isomer and inactive isomer in an approximately 75:25 ratio.

(94.5% DPX-MP062 Technical)

**AQUATIC TOXICITY:**

96 hour LC50 - Bluegill sunfish: 0.90 mg/L.  
96 hour LC50 - Rainbow trout : 0.65 mg/L.  
48 hour EC50 - Daphnia magna : 0.60 mg/L.

Based on the above results for fish and invertebrates, risk quotients (RQs) were < 0.002 and no levels of concern (LOCs) were exceeded.

**AVIAN TOXICITY:**

Acute Oral LD50 - Bobwhite Quail : 98 mg/kg.  
Acute Dietary LC50 - Bobwhite Quail: 808 ppm  
Acute Dietary LC50 - Mallard Duck : >5620 ppm

Based on the above results for birds, acute RQs were < 0.03 and chronic RQs were < 0.1, and no LOCs were exceeded.

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**DISPOSAL CONSIDERATIONS**  
-----**Waste Disposal**

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

If empty: Do not reuse/refill this bait arena. Place empty bait arena in trash or offer for recycling if available.

If partially filled: call your local solid waste authority or 1-888-638-7668 for disposal instructions.

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**TRANSPORTATION INFORMATION**  
-----**Shipping Information**

DOT/IMO/IATA

Proper Shipping Name : Not Regulated

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REGULATORY INFORMATION  
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## # U.S. Federal Regulations

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute : Yes  
Chronic : No  
Fire : No  
Reactivity : No

In the United States this product is regulated by the US Environmental Protection Agency under the Federal Insecticide, Fungicide and Rodenticide Act. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

EPA Reg. No. 352-668

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OTHER INFORMATION  
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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS: DuPont Crop Protection  
Address : Wilmington, DE 19898  
Telephone : 1-888-638-7668

# Indicates updated section.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS