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

"DuPont" "ADVION" COCKROACH GEL BAIT
M0000626 Revised 3-JAN-2006

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	0.6
OTHER INGREDIENTS		99.4

HAZARDS IDENTIFICATION

Emergency Overview

CAUTION. Avoid contact with skin, eyes or clothing.
Wash thoroughly with soap and water after handling.

KEEP OUT OF REACH OF CHILDREN.

Avoid treating areas that are easily accessible to children and pets.

Potential Health Effects

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

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.

FIRST AID MEASURES

First Aid

IF ON SKIN OR CLOTHING: No specific intervention is indicated as the product is not likely to be hazardous to the skin. 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.

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.

FIRE FIGHTING MEASURES

Flammable Properties

Flashpoint: >100°C

Not a fire or explosion hazard.

Extinguishing Media

Water, Water Spray, Foam, Dry Chemical, CO_2.

Fire Fighting Instructions

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

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

For small spills, use cloth or paper towels and place collected material and towels in appropriate container for disposal.

For larger spills, soak up with sawdust, sand, oil dry or other absorbent material. Shovel or sweep up and transfer to an approved waste container for disposal. After removal of spilled material, wash the affected areas with water and detergent.

HANDLING AND STORAGE

Handling (Personnel)

Do not apply to surfaces that food contacts. Do not allow open foods to contact gel material.

Wash thoroughly with soap and water after handling.

Handling (Physical Aspects)

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

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.

Storage

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

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

EXPOSURE CONTROLS/PERSONAL PROTECTION

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

PEL (OSHA)	: Particulates (Not Otherwise Regulated) 15 mg/m3, 8 Hr. TWA, total dust 5 mg/m3, 8 Hr. TWA, respirable dust
AEL * (DuPont)	: 1 mg/m3 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.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Form	:	Gel
Color	:	Brown
Odor	:	Faint, non-descript
Density	:	1.141 g/mL @ 22°C
PH	:	7.3 (1% solution in water)
Solubility in Water	:	0.2 ppm (a.i)

STABILITY AND REACTIVITY

Incompatibility with Other Materials

None reasonably foreseeable.

TOXICOLOGICAL INFORMATION

Animal Data

DuPont Advion Cockroach Gel Bait
Oral LD50: > 5000 mg/kg in female rats
Dermal LD50: > 5000 mg/kg in male/female rats

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

ECOLOGICAL INFORMATION

Ecotoxicological Information

Note that the following results are based on tests conducted under laboratory conditions using the technical material as the test substance. The technical 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

(ECOLOGICAL INFORMATION - Continued)

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

DISPOSAL CONSIDERATIONS

Waste Disposal

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

Do not reuse/refill the gel bait dispenser. Place empty dispensers in trash or offer for recycling if available.

If partially filled: Wrap in newspaper and discard in trash or call your local solid waste authority or 1-888-638-7668 for disposal instructions.

Container Disposal

Do not reuse/refill the gel bait dispenser. Place empty dispensers in trash, offer for recycling, or call your local solid waste authority or 1-888-638-7668 for disposal instructions.

TRANSPORTATION INFORMATION

Shipping Information

DOT/IMO/IATA

Proper Shipping Name : Not Regulated

REGULATORY INFORMATION

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. 352-652

OTHER INFORMATION

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

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