

**DuPont™ Advion® Fire Ant Bait**

Version 2.0

Revision Date 05/18/2012

Ref. 130000029374

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ Advion® Fire Ant Bait
Tradename/Synonym : B11707506
Indoxacarb 0.045 Fire Ant Bait
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

MSDS Number : 130000029374

Product Use : Insecticide

Manufacturer : DuPont
1007 Market Street
Wilmington, DE 19898

Product Information : 1-800-441-7515 (outside the U.S. 1-302-774-1000)
Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)
Transport Emergency : CHEMTREC: 1-800-424-9300 (outside the U.S. 1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Caution

This product has no known adverse effect on human health.

Potential Health Effects

Carcinogenicity

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

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Indoxacarb	173584-44-6	0.045 %
Other Ingredients		99.955 %

SECTION 4. FIRST AID MEASURES

- Skin contact : The material is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable. Consult a physician if necessary.
- Eye contact : No hazards which require special first aid measures. Consult a physician if necessary.
- Inhalation : No hazards which require special first aid measures. Consult a physician if necessary.
- Ingestion : No hazards which require special first aid measures. Consult a physician if necessary.
- General advice : Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
For medical emergencies involving this product, call toll free 1-800-441-3637.
See Label for Additional Precautions and Directions for Use.

SECTION 5. FIREFIGHTING MEASURES

- Flammable Properties
- Flash point : no data available



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- Fire and Explosion Hazard : Not a fire or explosion hazard.
- Suitable extinguishing media : Water, Water spray, Foam, Dry chemical, Carbon dioxide (CO2)
- Firefighting Instructions : Wear full protective clothing and self-contained breathing apparatus. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

- Safeguards (Personnel) : Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus. Use personal protective equipment.
- Spill Cleanup : Avoid dust formation. Sweep up and shovel into suitable containers for disposal.
- Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing.
- Storage : Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Keep out of the reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering controls : Use only with adequate ventilation. Keep container tightly closed.


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Personal protective equipment

Hand protection : Material: Gloves

Eye protection : Safety glasses Safety goggles

 Skin and body protection : Applicators and other handlers must wear:
 Long sleeved shirt and long pants
 Shoes plus socks
 Gloves

Protective measures : Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Exposure Guidelines
Exposure Limit Values
Soybean Oil

PEL: (OSHA) 5 mg/m3 8 hr. TWA Respirable fraction.

PEL: (OSHA) 15 mg/m3 8 hr. TWA Total dust.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

 Form : granular
 Color : light yellow
 Odor : slight, oily
 Density : 0.29 - 0.35 g/cm3

SECTION 10. STABILITY AND REACTIVITY

Stability : Stable at normal temperatures and storage conditions.

Conditions to avoid : None reasonably foreseeable.


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Incompatibility : No materials to be especially mentioned.

Hazardous reactions : Polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

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Dermal LD50 : > 5,000 mg/kg , rabbit

Oral LD50 : > 5,000 mg/kg , rat

Skin irritation : No skin irritation, rabbit

Eye irritation : No eye irritation, rabbit

Sensitisation : Animal test did not cause sensitization by skin contact., guinea pig

Indoxacarb

Inhalation 4 h LC50 : 4.2 mg/l , female, rat

Repeated dose toxicity : The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions.

Inhalation
rat

Incoordination, Increased mortality or reduced survival, Respiratory irritation

Oral
rat

Red blood cell destruction causing abnormal decrease in number of red blood cells (anaemia)

Carcinogenicity : Did not show carcinogenic effects in animal experiments.

Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Did not cause genetic damage in animals.

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Reproductive toxicity : Animal testing did not show any effects on fertility.

Teratogenicity : Animal testing showed effects on embryo-fetal development at levels equal to or above those causing maternal toxicity.

SECTION 12. ECOLOGICAL INFORMATIONAquatic Toxicity
Indoxacarb

96 h LC50 : Oncorhynchus mykiss (rainbow trout) 0.65 mg/l

96 h LC50 : Lepomis macrochirus (Bluegill sunfish) 0.90 mg/l

48 h EC50 : Daphnia magna (Water flea) 0.60 mg/l

96 h EC50 : Americamysis bahia (mysid shrimp) 0.0543 mg/l

Additional ecological information : Environmental Hazards: Do not apply where/when conditions favour runoff. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. See product label for additional application instructions relating to environmental precautions.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal : Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal : Refer to the product label for instructions.



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SECTION 14. TRANSPORT INFORMATION

Not regulated in transportation by DOT/IMO/IATA.

SECTION 15. REGULATORY INFORMATION

SARA 313 Regulated Chemical(s) : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

EPA Reg. No. : 352-627
In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.

PA Right to Know Regulated Chemical(s) : Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Soybean Oil

SECTION 16. OTHER INFORMATION

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Contact person : DuPont Crop Protection, Wilmington, DE, 19898, Phone: 1-888-638-7668

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The



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information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Significant change from previous version is denoted with a double bar.