Material Safety Data Sheet

**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

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>DuPont™ Advion® Fire Ant Bait</th>
</tr>
</thead>
</table>
| **Tradename/Synonym**  | B11707506 Indoxacarb 0.045 Fire Ant Bait | INDOXACARB: (S)-methyl 7-chloro-2,5-dihydro-2-
  (((methoxycarbonyl)[4(trifluoromethoxy)phenyl]amino)-carbonyl)indenono[1,2-e][1,3,4]oxadiazine-4a-(3H)-carboxylate |
| **MSDS Number**        | 130000029374 |
| **Product Use**        | Insecticide |
| **Manufacturer**       | DuPont |
|                        | 1007 Market Street |
|                        | Wilmington, DE 19898 |

### 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.
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoxacarb</td>
<td>173584-44-6</td>
<td>0.045 %</td>
</tr>
<tr>
<td>Other Ingredients</td>
<td></td>
<td>99.955 %</td>
</tr>
</tbody>
</table>

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
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.
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.
Incompatibility  :  No materials to be especially mentioned.
Hazardous reactions  :  Polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

DuPont™ Advion® Fire Ant Bait

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.
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 INFORMATION

Aquatic 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.
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

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