1. PRODUCT IDENTIFICATION

<table>
<thead>
<tr>
<th><strong>Product Name:</strong></th>
<th>ADVION ANT BAIT ARENA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EPA Signal Word:</strong></td>
<td>Caution</td>
</tr>
<tr>
<td><strong>Active Ingredient(%)</strong></td>
<td>Indoxacarb (0.1%)</td>
</tr>
<tr>
<td><strong>Chemical Name:</strong></td>
<td>methyl (4aS)-7-chloro-2,5-dihydro-2-[[methoxycarbonyl][4-(trifluoromethoxy)phenyl]amino]carbonyl]inden[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate</td>
</tr>
<tr>
<td><strong>Chemical Class:</strong></td>
<td>Insecticide</td>
</tr>
<tr>
<td><strong>EPA Registration Number(s):</strong></td>
<td>100-1485</td>
</tr>
</tbody>
</table>

**Product No.:** A20376A

**CAS No.:** 173584-44-6

2. HAZARDS IDENTIFICATION

**Health and Environmental**
Harmful if inhaled. May cause an allergic skin reaction.

**Hazardous Decomposition Products**
Not Available

**Physical Properties**
- Appearance: Brown gel
- Odor: Characteristic

**Unusual Fire, Explosion and Reactivity Hazards**
During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other</th>
<th>NTP/IARC/OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inert Ingredients (99.9%)</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Indoxacarb (0.1%)</td>
<td>Not Established</td>
<td>Not Established</td>
<td>1 mg/m³ 8hr &amp; 12hr TWA (respirable) *</td>
<td>No</td>
</tr>
</tbody>
</table>

* recommended by manufacturer

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.
Syngenta Hazard Category: A

4. FIRST AID MEASURES

Have the product container, label or Material Safety Data Sheet with you when calling Syngenta (800-888-8372), a poison control center or doctor, or going for treatment.

**Ingestion:**
If swallowed: First aid measures are not normally required. If you feel unwell or have concerns, contact Syngenta (800-888-8372), a poison control center or doctor for treatment advice.
5. FIRE FIGHTING MEASURES

**Fire and Explosion**
- Flash Point (Test Method): Not Available
- Flammable Limits (% in Air): Lower: Not Applicable  Upper: Not Applicable
- Autoignition Temperature: Not Available
- Flammability: Not Available

**Unusual Fire, Explosion and Reactivity Hazards**
During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

**In Case of Fire**
- Use dry chemical, foam or CO2 extinguishing media. Wear full protective clothing and self-contained breathing apparatus.
- Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.
- Prevent use of contaminated buildings, area, and equipment until decontaminated. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff.

6. ACCIDENTAL RELEASE MEASURES

**In Case of Spill or Leak**
- Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with hard water detergent (e.g. commercial products such as Tide, Joy, Spic and Span). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

7. HANDLING AND STORAGE

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**The Following Recommendations for Exposure Controls/Personal Protection are Intended for the Manufacture, Formulation and Packaging of This Product.**

**For Commercial Applications and/or On-Farm Applications Consult the Product Label.**

**Ingestion:** Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

**Eye Contact:** Where eye contact is likely use dust-proof chemical goggles.

**Skin Contact:** Where contact is likely, wear chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride [PVC] or Viton), coveralls, socks and chemical-resistant...
11. TOXICOLOGICAL INFORMATION

**Acute Toxicity/Irritation Studies (Finished Product)**

**Ingestion:**

- Oral (LD50 Rat): $> 5000$ mg/kg body weight

**Dermal:**

- Dermal (LD50 Rat): $> 5000$ mg/kg body weight

**Inhalation:**

- Inhalation (LC50 Female Rat): $4.2$ mg/l 4 hrs (applies to technical dry material)

**Eye Contact:** Non-Irritating (Rabbit)

**Skin Contact:** Non-Irritating (Rat)

**Skin Sensitization:** A skin sensitizer (Guinea Pig)

**Reproductive/Developmental Effects**

Indoxacarb: Animal testing showed effects on reproduction at levels equal to or above those causing parental toxicity.

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

**Chronic/Subchronic Toxicity Studies**

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

Inhalation; rat; Incoordination, mortality, red blood cell destruction causing abnormal decrease in number of red blood cells (anemia)

**Carcinogenicity**

Indoxacarb: Animal testing did not show any carcinogenic effects.

Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

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Product Name: ADVION ANT BAIT ARENA
Did not cause genetic damage in animals.

Other Toxicity Information
None

Toxicity of Other Components
Inert Ingredients (99.9%)
Not Applicable

Target Organs
Active Ingredients
Indoxacarb: Nervous system

Inert Ingredients
Inert Ingredients: Not Applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects
Indoxacarb:
- Fish (Rainbow Trout) 96-hour LC50 0.65 mg/l
- Bird (Bobwhite Quail) LD50 Oral 98 mg/kg
- Invertebrate (Water Flea) Daphnia Magna 48-hour EC50 0.60 mg/l

Environmental Fate
Indoxacarb:
- Information given is based on data on the components and the ecotoxicology of similar products.
- 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.

13. DISPOSAL CONSIDERATIONS

Disposal
Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

Characteristic Waste: Not Applicable
Listed Waste: Not Applicable

14. TRANSPORT INFORMATION

DOT Classification
Ground Transport - NAFTA
Not regulated.

Comments
- Water Transport - International
  Not regulated.
- Air Transport
  Not regulated.
15. REGULATORY INFORMATION

EPCRA SARA Title III Classification
- Section 311/312 Hazard Classes: Acute Health Hazard
- Section 313 Toxic Chemicals: Not Applicable

California Proposition 65
- Not Applicable

CERCLA/SARA 304 Reportable Quantity (RQ)
- Not Applicable

RCRA Hazardous Waste Classification (40 CFR 261)
- Not Applicable

TSCA Status
- Exempt from TSCA, subject to FIFRA

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA Hazard Ratings</th>
<th>HMIS Hazard Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health:</td>
<td>Health:</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Flammability:</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Instability:</td>
<td>Reactivity:</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

0     Minimal
1     Slight
2     Moderate
3     Serious
4     Extreme

For non-emergency questions about this product call:

1-800-334-9481

Original Issued Date: 5/1/2013
Revision Date: 11/1/2013
Replaces: 5/1/2013

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