



Insecticide

FOR USE IN RESIDENTIAL, INSTITUTIONAL, COMMERCIAL, AND INDUSTRIAL AREAS

Use sites include single and multi-family residential buildings, schools, commercial and industrial facilities (including warehouses, apartments, supermarkets, restaurants, motels, hotels, hospitals, zoos, food handling/ storage establishments), and transportation equipment such as aircraft, trains, ships, boats, buses.

Active Ingredient:

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 0.05%

Other Ingredients 99.95%

Total: 100.00%

*Indoxacarb belongs to the oxadiazine chemical class.

KEEP OUT OF REACH OF CHILDREN

CAUTION/ PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

DO NOT TREAT AREAS THAT ARE EASILY ACCESSIBLE TO CHILDREN AND PETS

EPA Reg. No. 100-1498

EPA Est. 54450-IL-001^{ABW}

EPA Est. 65335-RI-001^{NSP}

(Superscript is first three letters of batch code on container)

Product of USA

SCP 1498A-L1A 0414

4 x 1.06 oz. (30g) syringes

Net Weight

Non-refillable Container

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOT LINE NUMBER

For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call **1-800-888-8372**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

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.

Physical and Chemical Hazards

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

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

PRODUCT INFORMATION

Advion® Ant Gel is specifically formulated to be attractive to all major pest species of ants such as Acrobat, Argentine, Big-headed, Carpenter, Cornfield, Crazy, Field, Ghost, Harvester*, Honey, Little black, Odorous house, Pavement, Pharaoh*, Pyramid, Red Imported Fire Ant*, Rover, Thief, and White-footed. Advion Ant Gel contains the active ingredient, indoxacarb, a non-repellent insecticide. Use of Advion Ant Gel will help eliminate ants within days of applying the gel according to the use directions.

* Advion Ant Gel is effective at killing Pharaoh ants, foraging red imported fire ants and harvester ants. For complete control of outdoor nests of these species, use additional treatments labeled for outdoor nest control of these species.

Use Instructions and Precautions: Do not treat areas that are easily accessible to children and pets.

1. Advion Ant Gel can be used indoors or outdoors applied as a crack and crevice or spot treatment in single and multi-family residential homes, institutional, commercial and industrial facilities (including schools, warehouses, apartments, supermarkets, restaurants, motels, hotels, hospitals, nursing homes, offices, zoos, retail establishments, food handling/ storage establishments), transportation equipment such as aircraft, trains, ships, boats, and buses, and other similar sites where ant infestations are a problem.
2. Avoid applying Advion Ant Gel to surfaces recently treated with residual sprays.
3. Surfaces treated with Advion Ant Gel should not be treated with residual sprays.
4. Inspect applications periodically for consumption/activity and apply additional bait as needed.
5. Do not apply to surfaces that food contacts.
6. Do not allow open foods to contact gel material.
7. Refillable Bait Stations: Advion Ant Gel may be used in commercially available refillable bait stations designed for interior and/or exterior or perimeter insect pest control. If the refillable bait station is not equipped with a sticker to identify the contents, apply a sticker either on the interior or exterior of the device. For best results, position refillable bait stations near ant trails, nest sites, or where ants are known to actively forage. Regularly inspect each refillable bait stations and replace with Advion Ant Gel as needed for continual control of ants.

Treatment Rates for All Uses

- Apply Advion Ant Gel as spots of gel or small lines of gel.
- Placements of spots or lines of Advion Ant Gel should be to active foraging trails, nest sites, or to areas known to be active.
- Apply 0.1 to 1.0 gram spots of Advion Ant Gel or approximately 1/4" in diameter spots.
- Apply lines of Advion Ant Gel of approximately 1/8" wide and 2" long; up to 3" long for highly active foraging trails.
- Apply as many placements of Advion Ant Gel as possible to active foraging areas without disrupting the natural foraging behavior of ants.
- If Advion Ant Gel is used in refillable bait stations apply an amount of the Advion Ant Gel that does not exceed the capacity of the refillable bait station's bait reservoir.

Examples of Advion Ant Gel Placement Amounts



Figure 1: Line of gel approx. 1/8" x 2"



Figure 2: Spot of gel approx. 0.1g



Figure 3: Spot of gel approx. 1g

Indoor Use Directions

- Inspect infested areas carefully to determine overall infestation levels, locations of foraging, nesting areas, and most appropriate application points.
- Indoor applications include cracks and crevices along walls or floors, behind or under equipment or appliances, under tables, within framing of tables or furniture, around sinks, within or near garbage collection areas, attics, crawl spaces, and cracks and crevices in cabinets.
- Inspect Advion Ant Gel placements periodically for consumption or attractiveness and reapply as needed.

Applications in Nonfood/Nonfeed Handling Areas

Advion Ant Gel is designed for use as a spot or crack and crevice treatment to control ants in residential structures and the non-food /non-feed areas of commercial, industrial, public and institutional buildings/structures, including restaurants, warehouses, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, laboratories, computer facilities, aircraft, buses, boats/ships, trains, pet shops and zoos.

Nonfood/non-feed areas include areas such as garbage rooms, lavatories, floor drains (to sewers), entries, and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after bottling or canning). Refer to section below for use directions and restrictions when making applications in food/feed handling areas of Food/Feed Handling Establishments.

Applications in Food/Feed Handling Areas

Application to food/feed areas of food/feed handling establishments may only be made as a crack and crevice treatment. Apply Advion Ant Gel directly into cracks and crevices by placing the bait dispenser tip approximately 1/2 inch into cracks, crevices, holes and similar openings where ants are found or are entering. Food and feed handling areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food/feed area when food is exposed and facility is in operation.

- Do not apply Advion Ant Gel to areas where food/feed, food utensils or food processing surfaces may come into contact and become contaminated.
- Do not apply Advion Ant Gel to areas that are routinely washed such as cracks and crevices in tops of tables, food/feed preparation and prepared food holding surfaces as bait could be removed by the washing.

- Do not apply Advion Ant Gel to surfaces where the temperature exceeds 120-130°F because this could cause the bait to liquefy and lose effectiveness.

Examples include, but are not limited to, parts of stoves, ovens, grills, fume hoods, saunas, heat lamps, coffee urns, steam tables, toasters, fryers, dishwashers, and hot water pipes.

- Use good application practice to avoid movement of Advion Ant Gel to exposed surfaces used for food preparation.

If Advion Ant Gel contacts an exposed surface, first remove as much of the gel bait as possible, then wash with soap and water.

Outdoor Use Directions:

- A thorough inspection around a structure may reveal areas where ants are gaining access to the structure. Attempts should be made to remove the access.
- Apply Advion Ant Gel as a spot or thin bead (see above) to pest entry sites such as along windows, doors, between construction elements, sewer areas, adjacent trees which harbor ants, along walls, garbage holding areas, or suitable placement site acting as an ant harborage.
- Make Advion Ant Gel placements to reduce the potential of subsequent human contact.
- Inspect Advion Ant Gel placements periodically and apply fresh ant gel as needed.
- High temperatures may affect the consistency of the gel after placement, so inspect to determine if additional gel is needed.

STORAGE AND DISPOSAL

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

Pesticide Storage

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

Pesticide Disposal

Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal

Nonrefillable Container: Do not reuse or refill this container. Offer for recycling if available. Place empty bait dispensers in trash. If partially filled, wrap in newspaper and discard in trash or call your local solid waste authority for disposal instructions.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and of Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

Advion®, the ALLIANCE FRAME 
the SYNGENTA Logo
and the PURPOSE ICON 
are Trademarks of a
Syngenta Group Company

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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1498A-L1A 0414

ADVION ANT GEL

Date: 8/4/2015
 Replaces: 3/18/2014

1. PRODUCT IDENTIFICATION

Product identifier on label: **ADVION ANT GEL**
 Product No.: A20377A
 Use: Insecticide
 Manufacturer: Syngenta Crop Protection, LLC
 Post Office Box 18300
 Greensboro NC 27419
 Manufacturer Phone: 1-800-334-9481
Emergency Phone: 1-800-888-8372

2. HAZARDS IDENTIFICATION

Classifications: Not Applicable
 Signal Word (OSHA): Not Applicable
 Hazard Statements: Not Applicable

Hazard Symbols:

Precautionary Statements: Not Applicable

Other Hazard Statements: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name	CAS Number	Concentration
Other inert ingredients	Other inert ingredients	Trade Secret	99.95%
methyl (4aS)-7-chloro-2,5-dihydro-2- [[[(methoxycarbonyl)[4- (trifluoromethoxy)phenyl]amino]carbonyl]in deno[1,2-e][1,3,4]oxadiazine-4a(3H)- carboxylate	Indoxacarb Technical	173584-44-6	0.05%

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

ADVION ANT GEL

Date: 8/4/2015

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4. FIRST AID MEASURES

Have the product container, label or 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.

Eye Contact: If in eyes: Rinse eyes with water. First aid measures are not normally required. If concerned, call Syngenta (800-888-8372), a poison control center or doctor for treatment advice.

Skin Contact: If on skin or clothing: First aid measures are not normally required. Wash material from the skin. If concerned, call Syngenta (800-888-8372), a poison control center or doctor for treatment advice.

Inhalation: If inhaled: 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.

Most important symptoms/effects:

Not Applicable

Indication of immediate medical attention and special treatment needed:

There is no specific antidote if this product is ingested.

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use dry chemical, foam or CO2 extinguishing media. If water is used to fight fire, dike and collect runoff.

Specific Hazards:

During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

Special protective equipment and precautions for firefighters:

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Follow exposure controls/personal protection outlined in Section 8.

Methods and materials for containment and cleaning up:

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

Precautions for safe handling:

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.

Conditions for safe storage, including any incompatibilities:

ADVION ANT GEL

Date: 8/4/2015
 Replaces: 3/18/2014

Not Applicable

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.

Occupational Exposure Limits:

Chemical Name	OSHA PEL	ACGIH TLV	Other	Source
Other inert ingredients	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Indoxacarb Technical	Not Established	Not Established	1 mg/m ³ 8hr & 12hr TWA (respirable)	Manufacturer

Appropriate engineering controls:

Use effective engineering controls to comply with occupational exposure limits (if applicable).

Individual protection measures:

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 footwear.

Inhalation:

A respirator is not normally required when handling this substance.

In case of emergency spills, use a NIOSH approved respirator with any N, R, P or HE filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white, opaque gel

Odor: Very faint

Odor Threshold: Not Available

pH: 7.2 (1% solution in H₂O)

Melting point/freezing point: Not Available

Initial boiling point and boiling range: Not Available

Flash Point (Test Method): Not Available

Flammable Limits (% in Air): Not Available

Flammability: Not Available

Vapor Pressure: Indoxacarb Technical Not Available

Vapor Density: Not Available

Relative Density: 1.15 - 1.24 g/ml @ ca.185°F (85°C)

ADVION ANT GEL

Date: 8/4/2015
 Replaces: 3/18/2014

Solubility (ies): Indoxacarb Technical Not Available
 Partition coefficient: n-octanol/water: Not Available
 Autoignition Temperature: Not Available
 Decomposition Temperature: Not Available
 Viscosity: Not Available
 Other: Not Available

10. STABILITY AND REACTIVITY

Reactivity: Not reactive.
 Chemical stability: Stable under normal use and storage conditions.
 Possibility of hazardous reactions: Will not occur.
 Conditions to Avoid: Not Available
 Incompatible materials: None known.
 Hazardous Decomposition Products: Not Available

11. TOXICOLOGICAL INFORMATION

Health effects information

Likely routes of exposure: Dermal, Inhalation

Symptoms of exposure: Not Applicable

Delayed, immediate and chronic effects of exposure: Not Applicable

Numerical measures of toxicity (acute toxicity/irritation studies (finished product))

Ingestion:	Oral (LD50 Female Rat) :	> 5000 mg/kg body weight
Dermal:	Dermal (LD50 Rat) :	> 5000 mg/kg body weight
Inhalation:	Inhalation (LC50 Rat) :	> 5.5 mg/l 4 hrs (applies to technical dry material)
Eye Contact:	Non-Irritating (Rabbit)	
Skin Contact:	Non-Irritating (Rabbit)	
Skin Sensitization:	Not a Sensitizer (Mouse)	

Reproductive/Developmental Effects

Indoxacarb Technical: 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.

ADVION ANT GEL

Date: 8/4/2015

Replaces: 3/18/2014

Chronic/Subchronic Toxicity Studies

Indoxacarb Technical: 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 Technical: Animal testing did not show any carcinogenic effects.

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

Did not cause genetic damage in animals.

Chemical Name	NTP/IARC/OSHA Carcinogen
Other inert ingredients	No
methyl (4aS)-7-chloro-2,5-dihydro-2- [[[(methoxycarbonyl)4- (trifluoromethoxy)phenyl]amino]carbonyl]inden o[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate	No

Other Toxicity Information

None

Toxicity of Other Components

Other inert ingredients

Not Applicable

Target OrgansActive Ingredients

Indoxacarb Technical: Nervous system

Inert Ingredients

Other inert ingredients: Not Applicable

12. ECOLOGICAL INFORMATION

Eco-Acute Toxicity

Indoxacarb Technical:

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 Technical:

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.

ADVION ANT GEL

Date: 8/4/2015

Replaces: 3/18/2014

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

Pesticide Registration:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

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

EPA Registration Number(s):

100-1498

EPCRA SARA Title III Classification:

Section 311/312 Hazard Classes: Acute Health Hazard

Section 313 Toxic Chemicals: None

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

ADVION ANT GEL

Date: 8/4/2015
Replaces: 3/18/2014

NFPA Hazard Ratings

Health: 1
Flammability: 1
Instability: 0

HMIS Hazard Ratings

Health: 1
Flammability: 1
Reactivity: 0

0	Minimal
1	Slight
2	Moderate
3	Serious
4	Extreme
*	Chronic

Syngenta Hazard Category: A

For non-emergency questions about this product call:

1-800-334-9481

Original Issued Date: 2/22/2013
Revision Date: 8/4/2015
Section(s) Revised: 2

Replaces: 3/18/2014

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

