

READ ENTIRE LABEL



Advion® WDG

Reg. Nr. L.....
Act No. 36 of / van 1947

For professional use only.

Advion® WDG is a water dispersible concentrate insecticide for the control of insect pests common in urban & rural environments.

GROUP

22

INSECTICIDE

Active ingredient:

Indoxacarb 200 g/kg

200 g

Hazard statements: Harmful if swallowed. May be harmful if inhaled. May cause damage to organs (central nervous system). May cause damage to organs (blood, nervous system) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary statements:

Prevention: Do not breathe dust. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Response: Get medical help. Rinse mouth. Get medical help. If exposed or concerned: get emergency medical help immediately. Collect spillage.

Storage: Store locked up.

Disposal: Dispose of contents/container to an approved waste disposal plant.



Warning

Registration holder:
Syngenta South Africa (Pty) Limited
(Co. Reg. No. 1998/013761/07)
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© SYNGENTA, AG

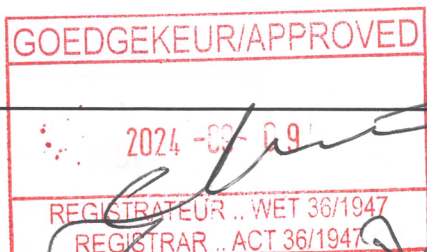
TYGERBERG POISON INFORMATION CENTRE +27 861 555 777

EMERGENCY TEL.: ++ 27 (0) 82 446 8946 (Griffon)

Batch No.

Date manufactured

UN 3077



Advion® WDG

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1. WARNINGS

Hazard statements: Harmful if swallowed. May be harmful if inhaled. May cause damage to organs (central nervous system). May cause damage to organs (blood, nervous system) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

- KEEP OUT OF REACH OF CHILDREN.
- Hazards to Humans and Domestic Animals.
- Very toxic to aquatic life with long lasting effects.
- Harmful if swallowed.
- Causes moderate eye irritation.
- Harmful if absorbed through skin.
- Avoid contact with skin, eyes or clothing.
- Wash thoroughly with soap and water after handling.
- Harmful if inhaled.
- Avoid breathing (dust, vapor or spray mist).
- Remove contaminated clothing and wash clothing before reuse.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions, because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of a pest against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions, which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

2. RESTRICTIONS AND PRECAUTIONS

Precautionary Statements:

Prevention: Do not breathe dust. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.

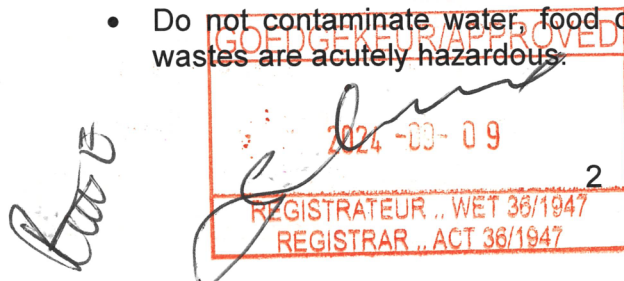
Response: Get medical help. Rinse mouth. Get medical help. If exposed or concerned: get emergency medical help immediately. Collect spillage.

Storage: Store locked up.

Disposal: Dispose of contents/container to an approved waste disposal plant.

Use Restrictions

- Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous.



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- Non-refillable container. Do not reuse or refill this container.
- Dispose of product containers, waste containers, and residues according to local environmental regulations.
- Not for use on plants being grown for sale or other commercial use, or for commercial seed production.
- Do not formulate this product into other end-use products without written permission of Syngenta
- Keep people and pets away from treated areas until treatment has dried.
- Do not apply a broadcast or general surface application to interior surfaces of residential or commercial structures.
- Do not apply this product to pets, edible crops, or sources of electricity.
- Do not use water base sprays of **Advion® WDG** in or on electrical equipment due to shock hazard.
- At residential sites, all food processing surfaces and utensils in the treatment area must be covered during treatment or thoroughly washed before re-use.
- Do not apply this product in patient rooms or in any rooms being occupied by the elderly or infirmed.
- Do not apply when classrooms are in use.
- Do not apply to institutions (i.e., libraries, recreational facilities, etc.) when occupants are present in the immediate area/room being treated.
- Do not clean equipment near wells, water sources, or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.
- Applicators and other handlers must wear: Shirt and long pants, waterproof gloves, shoes plus socks.
- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Syngenta recommends operators always wear suitable protective gear as needed.

First Aid Measures

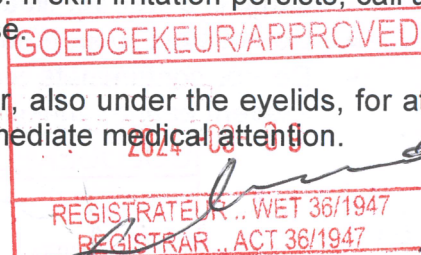
If you feel unwell when using this product, contact a qualified medical professional. There is no specific antidote if this product is ingested. Apply symptomatic therapy.

Have the product container, label or Material Safety Data Sheet with you when calling the Syngenta emergency number, a poison control centre or physician, or going for treatment.

Inhalation: Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or poison control centre immediately.

Skin contact: Remove contaminated clothing immediately. Wash affected areas immediately with plenty of water for 15 - 20 minutes. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Seek immediate medical attention.



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Ingestion: If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

3. RESISTANCE MANAGEMENT

For resistance management, **Advion® WDG** is a IRAC group 22 insecticide. Any insect population may contain individuals naturally resistant to **Advion® WDG** and other IRAC group 22 insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly and exclusively in programs. **Advion® WDG** or any other IRAC group 22 insecticides may not control these resistant insects.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes.
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

Syngenta cannot accept responsibility for any losses that may result from the failure to control pests resistant to Advion® WDG.

For specific information on resistance management contact the registration holder of this product.

Product Information

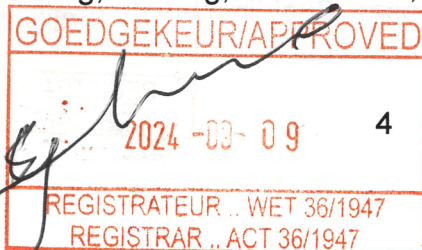
The primary uptake routes for **Advion® WDG** Insecticide are direct contact and ingestion. The active ingredient indoxacarb is bio-activated to its highly insecticidal form by the insect's metabolism. The active molecule binds to the target site and blocks the insect's sodium channels, causing paralysis followed by death.

Advion® WDG Insecticide controls:

American cockroaches (*Periplaneta americana*), German cockroaches (*Blattella germanica*), Ants (*Lasius niger*), Fleas (*Ctenocephalides canis*), Silverfish (*Lepisma saccharina*), Flies (*Musca domestica*), Litter beetles (*Alphitobius diaperinus*)

Storage Conditions

- Do not store below +5°C and above +35°C.
- Store the material in original container under lock and key away from sun and damp in a well ventilated, secure area out of reach of children and pets.
- Do not store food, feed, beverages or tobacco products in the storage area.
- Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Prevent eating, drinking, tobacco use, and cosmetic application in areas where



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there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

- Do not stack containers in piles more than 2 m high, in order to avoid product compaction.

4. RELEVANT SUBSTANCES

Chemical name	CAS-No.	Concentration (% w/w)
Indoxacarb	173584-44-6	
Indoxacarb (ISO)	173584-44-6	$\geq 0,25 - < 1$
oxo-oxoalumanyloxy- [oxo(oxoalumanyloxy)silyl]oxysilane; dihydrate	1332-58-7	$\geq 1 - < 10$
sucrose, pure	57-50-1	$\geq 1 - < 10$

5. DIRECTIONS FOR USE

Use only as directed

Ants:

Advion® WDG is effective at controlling ants. Apply using a treatment solution containing 0.1% indoxacarb in water.

Indoors: Apply **Advion® WDG** using a coarse low-pressure spray as a spot or crack and crevice treatment at a maximum volume of 4 l per 100 m² that targets active ant trails, nests, or other infested areas or areas suspected to be infested. Also make direct applications to areas including, but not limited to, pest entry sites, attics, wall voids, behind cabinets or equipment, under counters or appliances, along baseboards and reticulation systems. **Advion® WDG** may be applied as a crack and crevice or spot application using ULV equipment such as a Micro Injector® or Actisol® machine.

Beetles and Silverfish:

Advion® WDG is effective at controlling beetles and silverfish. Apply using a treatment solution containing 0.1% indoxacarb in water.

Indoors: Apply **Advion® WDG** using a coarse low pressure spray as a spot or crack and crevice treatment at a maximum volume of 4 l per 100 m² that targets infested areas or areas suspected to be infested. Direct applications can be made to areas including, but not limited to, pest entry sites, attics, wall voids, behind cabinets or equipment, under counters or appliances, along baseboards, storage rooms, garage areas, basements and reticulation systems.

NOTE: **Advion® WDG** should be used as part of a programme of chemical control measures, especially where resistance to pyrethroids is known, suspected, or the risk of pyrethroid resistance development is high.

Cockroaches:

Advion® WDG is effective at controlling cockroaches. Apply using a solution containing 0.1% indoxacarb in water.



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Indoors: Apply **Advion® WDG** using a coarse, low pressure water based spot or crack and crevice treatment at a maximum volume of 4 ℓ per 100 m² that targets areas of cockroach infestation or areas known or suspected to be cockroach harborage sites. Direct applications can be made to areas including, but not limited to, pest entry sites, attics, wall voids, behind cabinets or equipment, under counters or appliances, along baseboards and reticulation systems. **Advion® WDG** may be applied as a crack and crevice or spot application using ULV equipment such as a Micro Injector® or Actisol® machine.

Fleas:

Advion® WDG is effective at killing flea larvae and adults. Indoors: Direct application as crack and crevice or spot treatment to and around pet bedding areas and other known breeding areas of adult or larval fleas.

Flies (including permethrin-resistant house flies):

Advion® WDG is effective at killing house flies, fruit flies and other filth/flesh flies. **Advion® WDG** is also effective at killing stable flies and permethrin-resistant house flies using the spray dilution concentration of 0.1%.

Indoors: Apply as a crack and crevice or spot application to fly resting areas at a maximum volume 4 ℓ per 100 m².

Pantry Insect Pests:

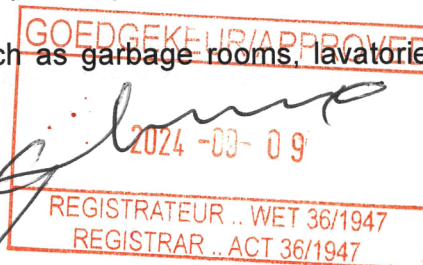
Before application of **Advion® WDG**, infested food materials must be removed/discarded. For control of pantry insect pests/stored product insect pests, including beetles such as granary weevil and saw-toothed grain beetle, apply **Advion® WDG** as crack and crevice or spot treatment at a maximum volume of 4 ℓ per 100 m² to infested areas focusing on cracks in food storage areas, closets, cabinets, shelving and baseboards. Direct application to pantry insect pests will provide best results. Do not apply directly to food. Remove or cover any remaining food items or food serving surfaces.

Food Handling Establishments: (Food handling establishments are places other than private residences in which food is held, processed, prepared or served.)

Applications in Nonfood Areas:

Advion® WDG may be used as a spot or crack and crevice treatment at a maximum volume 4 ℓ per 100 m² to control cockroaches in residential structures and the non-food areas of commercial, industrial, public and institutional buildings/structures, including restaurants, warehouses, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, daycares, laboratories, computer facilities, aircraft, buses, boats/ships, trains, pet shops and zoos.

Nonfood/non-feed areas include areas such as garbage rooms, lavatories, floor



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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 be used as a spot or crack and crevice treatment at a maximum volume of 4 ℓ per 100 m². 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. Apply into cracks and crevices using equipment designed to deliver a pin stream between different elements of construction, between floor and equipment, openings to voids and hollow spaces in walls, bases and equipment.

Re-treatment directions: Application to specific areas previously untreated can be treated as necessary. Typical or maintenance applications can be made as frequently as necessary, only if or when re-infestation occurs, up to a maximum of once per month. For heavy infestations of insect pests that require more than one treatment application to gain control, retreatment is allowed 7 days after initial application.

Large Volume Exterior Applications:

If applying **Advion® WDG** to exterior of structures using high volume power spray equipment, **Advion® WDG** can be diluted to less than 0.1% concentration. For example, if targeted spray volume is 20 ℓ of spray per 100 m², mix 10 g (1 packet) per 20 ℓ of water. If targeted spray volume is 40 ℓ of spray per 100 m² mix 10 g (1 packet) per 40 ℓ of water. This mix rate and application volume will ensure proper coverage and distribution of the insecticide. These types of spray volumes may be necessary for exterior applications to dense vegetation, mulch or other challenging areas around structures.

Mixing instructions

Volume of water to use (litres)	Desired end use application dilution rate	Quantity of Advion® WDG insecticide needed (grams)
4	0.10%	20
5	0.10%	25
10	0.10%	50
50	0.10%	250
100	0.10%	500

IMPORTANT:



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Do not pour **Advion® WDG** into an empty tank. Clean application tank prior to using **Advion® WDG**. Fill application tank with water to about half of desired volume. Appropriate amount of **Advion® WDG** is now poured into tank. Agitate. Fill tank with remaining half volume of water and agitate again. Now ready to apply. If treatment mixture sits in the tank for extended periods, re-agitate prior to application.

Area of Use	Target	Dose Rate(s)	Application	Application
Residential buildings, institutional, commercial and industrial facilities, farm buildings and transportation equipment to control insect pests.	Ants, Beetles, Cockroaches, Fleas, Flies, Pantry Pests (including beetles such as granary weevil and saw-toothed grain beetle), Silverfish.	concentration: 0.1% indoor use: 4 l of mix per 100 m ² For high volume use on the exterior walls of buildings use: dilute below a concentration of 0.1% Regardless of the application volume used, do not use more than 20 g Advion® WDG per 100 m ² .	Insecticide to be mixed with water and applied with a sprayer.	As frequently as necessary up to a maximum of once per month. For heavy infestations of insect pests that require more than one treatment application to gain control, retreatment is allowed 7 days after initial application.

Failure to follow directions on this label may result in poor pest control.

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