

# KNOX ROACH

Reg. No.: L7174 Act No. 36 of 1947  
Namibia: N-AR 1030

**A micro-encapsulated long lasting residual insecticide for the control of cockroaches, fleas bedbugs, fishmoths, ants and crickets, in and around buildings.**

<b>GROUP</b>	<b>1B</b>	<b>INSECTICIDE</b>
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**ACTIVE INGREDIENT:**  
**Diazinon (Organophosphate).....240 g/l**

**REGISTRATION HOLDER:**

**CROPSERVE (PTY) LTD.**

Co. Reg. No.: 1980/008776/07

P.O. Box 10420

Aston Manor, 1630

Tel: 011 979-2249/53

**GRIFFON POISON CENTRE: 082 446 8946**

**POISONS INFORMATION HELPLINE: 0861 555 777**

**In case of spillage: SPILLTECH: 086 100 0366/083 253 6618**

**UN No.: 3082**



**DANGER**

**WARNINGS:**

H303 – May be harmful if swallowed.  
H315- Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319- Causes serious eye irritation.  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H373 - May cause damage to organs (respiratory system) through prolonged or repeated exposure (via inhalation).  
H351 - Suspected of causing cancer.  
H400 - Very toxic to aquatic life.

- Handle with care.
- Harmful by contact, swallowing or inhalation.
- Toxic to fish, bees and birds.
- Keep out of reach of children, uninformed persons and animals.
- Store in a cool, dry place and away from food and feedstuffs.
- **Re-entry:** Do not enter treated area, until spray deposit has dried, unless wearing protective clothing.

***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, incompatibility with other substances not indicated on the label and the occurrence of resistance of the 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 for 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.***

**PRECAUTIONS:**

P101 – If medical advice is needed, have product container or label at hand.  
P102 – Keep out of reach of children.  
P103 – Read carefully and follow all instructions.  
P203 - Obtain, read and follow all safety instructions before use.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 + P265 - Wash hands thoroughly after handling. Do not touch eyes.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment if this is not the intended use.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P284 - [In case of inadequate ventilation] wear respiratory protection.  
P301+ P317 - IF SWALLOWED: Get medical help.  
P302 + P352 - IF ON SKIN: Wash with plenty of water.  
P304 + P340 - IF INHALED: remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P318 - IF exposed or concerned, get medical advice.  
P319 - Get medical help if you feel unwell.  
P321 - Specific treatment (see first aid instructions on this label).  
P333 + P317 - If skin irritation or rash occurs: Get medical help.  
P337 + P317 - If eye irritation persists: Get medical help.  
P342 + P316 - If experiencing respiratory symptoms: Get emergency medical help immediately.  
P362 + P364 - Take off contaminated clothing and wash it before reuse.  
P391 - Collect spillage.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

- Do not inhale fumes and/or spray mist.
- Avoid skin and eye contact.
- Wear protective clothing e.g. suitable face shield and rubber gloves when handling and mixing the product.
- Wash with soap and water after use and accidental skin contact.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face and changing clothing.
- Do not apply to humans, their clothing or bedding.
- Do not spray animals with this product.
- Do not allow children or pets to contact treated surfaces until spray has dried.
- Do not allow food to come into direct contact with a treated surface.
- Cover fish tanks prior to application.
- Clean application equipment after use. Dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
- TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS: Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three (3) times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Never re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water, kitchen and eating utensils.

**RELEVANT SUBSTANCES**

Diazinon.....(25 to 50)%

Diphenylmethane diisocyanate....(2 to 5)%

Chloridric acid (33%).....(1 to 5)%

**FIRST AID TREATMENT**

**First-aid measures after inhalation :** If vapours or mists have been inhaled, and irritation has developed, remove the source of contamination or move victim to fresh air. Obtain medical attention if irritation persists.

**First-aid measures after skin contact :** Remove contaminated clothing, shoes and leather goods. Wash skin gently and thoroughly with cold water and non-abrasive soap. Apply olive oil to the affected area to afford prompt relief. Obtain medical attention if irritation persists.

**First-aid measures after eye contact :** Immediately flush eyes with a stream of clean water for at least 20 minutes, holding the eyelid(s) open. Obtain medical attention if irritation persists.

**First-aid measures after ingestion :** Do not induce vomiting. Do not give anything by mouth. Obtain medical attention. If the person is alert, rinse mouth thoroughly with water and give 1 or 2 glasses of water to drink.

**ADVICE TO PHYSICIAN**

This product contains a cholinesterase inhibitor, diazinon. The stomach should be emptied as soon as possible by careful gastric lavage, using a cuffed endotracheal tube already in place. An aqueous suspension of activated charcoal can be administered to absorb remaining toxicant.

As early as possible, administer atropine sulfate and pralidoxime chloride or obidoxime chloride intravenously to patients suffering from severe respiratory difficulties, convulsions and unconsciousness. The dose and frequency of atropine varies with each patient. Patients with organophosphate poisoning require amounts of atropine far in excess of doses usually employed in medical practice. The therapeutic objective is to achieve atropinisation, as evidenced by dilation of the pupils, drying secretion, pulse rate of over 120 per minute, and flushing skin. Overdosage with atropine is rarely serious, but underdosage may be fatal in poisoning with organophosphorous compounds.

**IMPORTANT NOTE:** Because of their respiratory-depressant effects, morphine and similar drugs are contraindicated for patients poisoned with organophosphorous compounds. Avoid aminoglycosides and succinylcholine, which have a blocking effect on the neuromuscular junction. Phenothiazines, reserpine and theophylline are contraindicated in organophosphorous poisoning.

**NOTICE TO THE USER:**

**THIS AGRICULTURAL REMEDY IS TO BE USED ONLY IN ACCORDANCE WITH THE INSTRUCTIONS ON THE LABEL. IT IS AN OFFENCE UNDER THE ACT TO USE THIS AGRICULTURAL REMEDY FOR ANY PURPOSE IN A MANNER CONTRARY WITH THE DIRECTIONS ON THE LABEL.**

**DIRECTIONS FOR USE: Use only as directed.**

- **KNOX ROACH** is a flowable micro-encapsulated formulation.
- Due to its controlled release nature the product gives excellent residual action; however, effective knockdown may take up to 24 hours after application.
- **KNOX ROACH** is to be used for residual pest control in and around residential buildings including homes and apartments, in and around areas of industrial, institutional and commercial buildings including, but not limited to stores, hospitals, manufacturing plants, warehouses, schools and food handling establishments.
- **KNOX ROACH** can be sprayed on any surface which will not be damaged or stained by water.
- Under conditions of proper application, **KNOX ROACH** will not leave a visible deposit. However, if unevenly applied or sprayed to run off, a visible deposit may occur on some dark surfaces and may be wiped off with a cloth or damp sponge.

**Compatibility:**

- Do not use this product with oil.
- Thoroughly wash out spray equipment before using **KNOX ROACH**.

**Mixing Instructions:**

- SHAKE WELL BEFORE OPENING.
- When diluting, first half-fill the spray tank with clean water.
- Then add the required quantity of **KNOX ROACH**.
- Fill the spray tank with water to the required volume, while maintaining agitation to ensure thorough mixing.
- Maintain agitation or shake the applicator regularly during spraying to ensure even coverage.
- Shake or re-agitate the sprayer contents before use, if application is interrupted.
- If spray screens are used, they must be 50 mesh or larger.
- To facilitate pouring, wet the sides of the measuring cup with water, before ensuring **KNOX ROACH**.

APPLICATION DOSAGE RATES:

PEST	DOSAGE RATE	DIRECTIONS FOR APPLICATION
Cockroaches & Fish moths	75 - 200 mℓ/10 ℓ water	Apply spot application as a coarse spray or by paint brush to skirting boards, drawers, shelves, around water pipes, storage areas, closets, behind and under cupboards, refrigerators, sinks, stoves and similar areas where these insects hide.  Repeat <b>KNOX ROACH</b> treatment as needed, but generally will not be necessary more than once every 60 days.  The higher rate should be used where American cockroaches are prevalent.
Ants & Bedbugs	75 mℓ/10 ℓ water	<b>Ants:</b> Apply as a spot application by applying <b>KNOX ROACH</b> as a spray to skirting boards, window frames, cracks and crevices and similar hiding or habitation areas.  Apply to trails, around doors and windows and other areas where these insects may crawl or enter the premises.  For lawn treatment apply as an even overall drench using a high volume sprayer or watering can to ensure thorough wetting. Repeat as necessary.  <b>Bedbugs:</b> Apply as a spot application by applying <b>KNOX ROACH</b> as a spray to places likely to be frequented by bedbugs such as into cracks and crevices and onto walls, bed frames and mattresses of where infestation occurs.  Do not apply directly to bedding. Repeat as necessary.
Crickets	200 mℓ/10 ℓ water	Apply as a spot application by applying <b>KNOX ROACH</b> as a spray to skirting boards, behind and under cupboards and appliances.  Areas around doors and water pipes should be treated to prevent crickets from entering the premises. Repeat as necessary.
Fleas	400 mℓ/10 ℓ water	Thoroughly apply <b>KNOX ROACH</b> as a spray to pet beds and resting quarters, adjacent crack and crevices, skirting boards, carpets and floor coverings, between and under cushions of upholstered furniture and other areas where these insects may be present. Entire carpets may be treated.  Applications to most surfaces should be as light as possible; approximately 2 litre spray mixture per 75 m². It may be necessary to use a higher volume on long, dense, shag carpets. Old bedding of pets should be replaced with clean fresh bedding 3 days after treatment.  Animals should not be sprayed with this product.