



# Goliath® Gel

**Contains 0.05% w/w (0.5g/kg) fipronil**  
**A ready to use insecticidal gel bait for the control of**  
**cockroaches in public hygiene.**

**STATUTORY CONDITIONS RELATING TO USE**  
**FOR USE ONLY AS AN INSECTICIDE**

FOR USE ONLY BY PROFESSIONAL OPERATORS.  
FOR INDOOR USE ONLY.

APPLICATION RATE : Up to 3x0.03 g of product per square metre depending on species present and level of infestation. A spot of gel 3–4 mm in diameter weighs approximately 0.03 g.

The (COSHH) Control of Substances Hazardous to Health Regulations 2002 may apply to the use of this product at work - **UK only**.

USE ONLY in positions inaccessible to children and animals.

DO NOT USE where food, feed or water could become contaminated.

DO NOT APPLY in or around drains.

This product contains substances which are known to be hazardous to the environment. Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

This material and its container must be disposed of in a safe way.

HSE No. 6514  
PCS No. 94727

READ ALL PRECAUTIONS BEFORE USE

## 4 x 35 g

**UK Marketing Company:**

BASF plc, PO Box 4, Earl Road, Cheadle Hulme, CHEADLE, Cheshire SK8 6QG, Tel: 0161 485 6222,

Technical Enquiries: 0845 602 2553

**Irish Marketing Company:**

BASF Ireland Limited, PO Box 4, Earl Road, Cheadle Hulme, Cheadle, Cheshire SK8 6QG. Telephone: 01 825 5701,

Fax: 01 825 2038

Emergency information (24 hours freephone): 00 49 180 22 73 112

® = Registered trademark of BASF

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Goliath® Gel is effective against German cockroaches (*Blattella germanica*), Oriental cockroaches (*Blattia orientalis*) and American cockroaches (*Periplaneta americana*) both as nymphs and adults.  
Goliath® Gel may be used to control cockroaches in:  
Domestic premises (including kitchens)  
Food handling areas (i.e. for food processing, storage and preparation) such as food manufacturing premises, commercial kitchens, restaurants, food stores, warehouses, retail outlets etc.  
Public Buildings such as hotels, hospitals, prisons, theatres.  
Commercial and Industrial premises such as factories, shops, workshops, aircraft, vehicles, railway stock and ships.

**HARMFUL TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.**  
To avoid risks to man and the environment, comply with the instructions for use.

# Goliath® Gel 4 x 35 g

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DO NOT APPLY in or around drains.  
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This material and its container must be disposed of in a safe way

HSE No. 6514  
PCS No. 94727

READ ALL PRECAUTIONS BEFORE USE

This product is approved under The Control of Pesticides Regulations 1986 (UK only) for use as directed.

## Directions for use

Goliath® Gel is effective against German cockroaches (*Blattella germanica*), Oriental cockroaches (*Blattella orientalis*) and American Cockroaches (*Periplaneta americana*) both as nymphs and adults.

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Public Buildings such as hotels, hospitals, prisons, theatres

Commercial and Industrial premises such as factories, shops, workshops, aircraft, vehicles, railway stock and ships.

Goliath® Gel is most effective when placed within or close to cockroach harbours, foraging and feeding areas. These are typically areas that are dark, warm, damp and remain undisturbed e.g. behind refrigerators and in electrical equipment.

Locate such areas by appropriate techniques, such as inspection or trapping. For the best results the area to be treated should be cleaned and tidied before treatment paying particular attention to the removal of alternative food sources.

Goliath® Gel cartridges are designed to be used with the BaitGun® or similar applicators. Lock the Goliath® Gel cartridge into the BaitGun® gun and attach the appropriate application tip. Refer to the manufacturer's instructions for directions on the use of the BaitGun®.

Goliath® Gel should be applied throughout the infested area as small spots. Spots of gel should be applied in dark out-of-sight locations in cracks, crevices, behind cupboards and shelves, under kitchen appliances, in electrical control boxes, voids and ducting and under bathroom fixtures etc.

Do not apply Goliath® Gel where it will become submersed or likely to be removed by routine cleaning. Do not spray insecticides on or around Goliath® Gel or place it on recently treated surfaces, as this may discourage cockroaches from feeding on it.

If Goliath® Gel contaminates non-target surfaces remove the gel with a damp paper towel and place in domestic refuse. Clean area thoroughly.

Typically cockroaches will die a few hours after a single feed on Goliath® Gel. In infested premises, dead cockroaches will normally be seen within 24 hours of treatment.

Treated areas should be re-inspected after 1-2 weeks. Where initial infestation was severe a second Goliath® Gel application may be required if the first treatment has been consumed and live cockroaches are still present.

## Rate of application

In cases of severe infestation and in areas that are particularly dirty or cluttered or where alternative sources of food cannot be entirely eliminated use the higher rate of application

Normal rate

German cockroach: one spot of 0.03 g gel per square metre

Oriental or American cockroach: two spots of 0.03 g gel per square metre

High rate

German cockroach: two spots of 0.03 g gel per square metre

Oriental or American cockroach: three spots of 0.03 g gel per square metre

A spot of 0.03g is approximately 3-4 mm in diameter

## STORAGE AND DISPOSAL

Store Goliath® Gel cartridges in the original box away from extremes of temperature. When empty dispose of the cartridges safely. Do not attempt to open or re-fill.

## PRECAUTIONS

WASH ANY CONTAMINATION from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after use.

Keep out of the reach of children.

KEEP IN A SAFE PLACE.

To avoid risks to man and the environment, comply with instructions for use.

Goliath® Gel is not classified on the basis of its toxicology.

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has "off-label" approval or is otherwise permitted under the Control of Pesticides Regulations.

The information on this label is based on the best available information including data from test results

## Safety data sheet:

### 1. Substance/preparation and company name

Product Name: Goliath GEL  
HSE Number: 6514  
PCS Number: 94727

UK Marketing Company: BASF plc  
PO Box 4, Earl Road  
Cheadle Hulme, CHEADLE  
Cheshire SK8 6QG  
Tel: 0161 485 6222  
Technical Enquiries:  
0845 602 2553  
Emergency information: 0049 180 22 73 112 (24 hours freephone)

Irish Marketing Company: BASF Ireland Limited,  
PO Box 4, Earl Road,  
Cheadle Hulme, Cheadle,  
Cheshire, SK8 6QG,  
Tel: 01 825 5701,

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Use: Insecticide for Professional Use  
Formulation: A ready to use gel containing 0.05% w/w fipronil

| Hazardous ingredients | CAS No.     | % w/w | Symbol   | R Phrases                    |
|-----------------------|-------------|-------|--|------------------------------|
| Fipronil              | 120068-37-3 | 0.05  | T (Toxic)<br>N (Dangerous for the environment) | R23/24/25,<br>R48/25, R50/53 |

### 3. HAZARDS IDENTIFICATION

HAZARFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT (R52/53).

### 4. FIRST AID MEASURES

**General advice:** If a person thinks that they have been exposed to this product and feels unwell, call a doctor or take them to a hospital. Remove all contaminated clothing. Keep them at REST away from source of contamination. DO NOT ALLOW smoking or eating. First aider should avoid becoming contaminated and wear protective clothing if necessary.  
**Eye contact:** Immediately irrigate affected eyes for at least 15 minutes under flowing water, with eyelids open.  
**Skin contact:** Immediately remove contaminated clothing and footwear and flush skin with plenty of water. Wash affected area thoroughly with soap and water as soon as possible.  
**Ingestion:** Immediately rinse mouth then drink plenty of water. Seek medical attention immediately.  
**Inhalation:** Keep person calm, remove to fresh air, summon medical help.  
**Unconsciousness:** If danger of loss of consciousness, place person in recovery position. Apply artificial ventilation if necessary, but care must be taken to avoid contamination of the first aider.

### GUIDE TO PHYSICIAN - general advice

Active ingredient group: Fipronil is from the phenyl pyrazole group of insecticides.  
Toxic effects: This material is of low general toxicity.  
Symptoms of accidental over exposure: Restlessness, anxiety, tremor.  
Any unusual symptoms which occur after exposure (by any mode of entry) should be recorded and reported to BASF at Cheadle.

### 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray, water fog, carbon dioxide, foam, dry extinguishing media.  
Possible harmful fumes in a fire: Carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen fluoride, nitrogen oxides, sulfur oxides. Do not breathe smoke or fumes.  
Protective equipment: In case of fire wear self-contained breathing apparatus and chemical protective clothing.  
Further information: Call the Fire Brigade at once to deal with all fires involving pesticides unless the fire is small and immediately controllable. Spray unopened containers with a mist spray to keep cool. If without risk, remove intact containers from exposure to fire. Contain fire-fighting water, bunding if necessary with sand or earth. Do not allow contamination of public drains or surface or ground waters. Dispose of fire debris and contaminated water as advised in the DEFRA publication, 'Code of practice for using plant protection products.'  
- UK only.

### 6. ACCIDENTAL RELEASE MEASURES

If spilled: Wear prescribed protective clothing. Clear spillage immediately. Contain spillage, sweep or shovel up.  
Collect contaminated material and place in a marked container for disposal.  
Thoroughly wash area of spillage. Dispose of contaminated materials as advised in the DEFRA publication, 'Code of practice for using plant protection products' - UK only.  
Wash thoroughly immediately after handling spillages, or at once if contaminated.  
See Section 8.  
Environmental Precautions: Do not allow contamination of public drains or surface or ground waters.

**UK:** Inform local water plc if spillage enters drains and the Environment Agency (England & Wales), the Scottish Environmental Protection Agency (Scotland), or the Environment and Heritage Service (Northern Ireland) if it enters surface or ground waters.  
**Ireland:** Inform local water plc if spillage enters drains and the Environmental Protection Agency if it enters surface or ground waters.  
Keep people and animals away

### 7. HANDLING AND STORAGE

Handling: No special measures are necessary provided the product is used correctly. When used do not eat, drink or smoke.  
Protection against fire and explosion: Product is not combustible.  
Storage: Keep dry and frostproof in a suitable pesticide store. Keep only in original container. Keep away from heat and protect from sunlight. Store separately from food, drink and animal feed.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

(i) PRECAUTIONS (from product label)

FOR USE ONLY BY PROFESSIONAL OPERATORS.  
FOR INDOOR USE ONLY.  
The (COSHH) Control of Substances Hazardous to Health Regulations 2002 may apply to the use of this product at work - UK only.

USE ONLY in positions inaccessible to children and animals.  
DO NOT USE where food, feed or water could become contaminated. DO NOT APPLY IN OR AROUND DRAINS.

This material and its container must be disposed of in a safe way.

WASH ANY CONTAMINATION from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after use.

Keep out of the reach of children.

KEEP IN A SAFE PLACE.

This product contains substances which are known to be hazardous to the environment. Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

To avoid risks to man and the environment, comply with instructions for use.

Store Goliath® Gel cartridges in the original box away from extremes of temperature. When empty dispose of the cartridges safely. Do not attempt to open or re-fill.

(ii) PERSONAL PROTECTIVE EQUIPMENT

Hand Protection: In tests with a range of pesticide products, protective gloves made of nitrile rubber at least 0.5mm thick and 300mm long have been found to be the most suitable. Gloves made of viton, butyl rubber, neoprene and PVC can also offer good protection. Gloves must protect the whole hand and wrist and repeated use of these gloves depends upon spillages being washed off immediately. The gloves should be thoroughly washed after each operation.

General safety & hygiene measure: The usual precautions for the handling of chemicals must be observed.

Keep away from foodstuffs, animal feedstuffs and beverages.

The wearing of other personal protective equipment may be required to supplement the items listed above. These are described in the DEFRA publication, 'Code of practice for using plant protection products.'  
- UK only. Decontaminate all personal protective equipment after use. When this is not possible dispose of as contaminated wastes.

(iii) OCCUPATIONAL EXPOSURE LIMITS (OELs)

| Hazardous ingredients | Long term exposure limit | Short term exposure limit |
|-----------------------|--------------------------|---------------------------|
| Not applicable        |                          |                           |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Gel  
Colour: Brown  
Odour: Odourless

### 10. STABILITY AND REACTIVITY

Hazardous reactions: No hazardous reactions known.  
Substances to avoid: No substances known that should be avoided.  
Hazardous decomposition products: No decomposition if stored and handled as prescribed/indicated.

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity:  
Ingestion: Low toxicity (LD50 oral (rat): 4400 mg/kg)  
Skin contact: Non Irritant (LD50 dermal (rat): >5000 mg/kg)  
Inhalation of vapour (fipronil): Unlikely to cause a problem (LC50 inhalation (rat): 0.682 mg/l/4 h)  
Eye contact: Slight irritant effect  
Sensitising potential: Non sensitiser  
Avoid all unnecessary contact with the product.

### 12. ECOLOGICAL INFORMATION

The ecological data given are those of the active ingredient:  
Ecotoxic effects:  
Rainbow trout (*Oncorhynchus mykiss*) LC50 96 h: 0.25 mg/l  
Algae EC/LC50 (0-72 h): 0.068 mg/l  
Daphnia EC/LC50 (48 h): 0.19 mg/l

### 13. DISPOSAL CONSIDERATIONS

Damaged or leaking containers must be dealt with as soon as noticed by sealing them in containers: impermeable containers.

Disposal of used containers: **UK:** Follow the directions given in the DEFRA publication, 'Code of practice for using plant protection products.'

**Ireland:** Used, cleaned, crushed or punctured containers may be disposed of at licensed disposal sites.

Disposal of diluted pesticide: **UK:** Advice for the disposal or re-use of diluted pesticide is given in the DEFRA publication, 'Code of practice for using plant protection products.'

**Ireland:** Advice for the disposal may be given by local authorities (Environmental Health Departments) who will recommend a waste disposal contractor. Do not re-use containers for any purpose.

### 14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

### 15. REGULATORY INFORMATION

**UK:** This product is approved under the 'Control of Pesticides Regulations 1986' and is labelled accordingly. The Control of Substances Hazardous to Health Regulations (COSHH) may apply to the use of this product at work.

**Ireland:** This product is authorised, cleared, notified or granted permission to market in accordance with the European Communities (Authorisation, Placement on the Market, Use and Control of Plant Protection Products) Regulations 2003 as amended, and is labelled in accordance with European Communities (Classification, Packaging and Labelling of Plant Protection Products and Biocide Products) Regulations 2001.

R-phrases - see Section 3  
S-phrases - see Section 8

### 16. OTHER INFORMATION

**UK:** For further medical advice Doctors should contact the National Poisons Information Service. In an emergency further information can be obtained from the National Chemical Emergency Centre 01865 407 333 (24 hours).

**Ireland:** For further medical advice Doctors should contact the National Poisons Information Centre at Beaumont Hospital. In an emergency further information can be obtained from the National Chemical Emergency Centre +44 (0)1865 407333 (24 hours).

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.