Goliath Gel® is
- non-repellant
- long acting
- odourless and unobtrusive

The premium product with rapid knockdown effect

BASF
The Chemical Company
Goliath® Gel – advantages at a glance

- Goliath® Gel distinguishes itself by its high effectiveness and fast action.
- Goliath® Gel does not repel cockroaches.
- The gel permits exact and economical dosage (as opposed to sprays).
- The ‘cascade’ effect ensures thorough control and safe eradication, even with small dosages.
- Stays effective and active for 3 months.
- Discrete and unobtrusive for the customer.
- Cleaning and disinfection not necessary due to micro-dosage.
- No potential hazard to the user or customer from the usage of the product.
- Odourless.
- Product tested and approved in accordance with EU Biocide directive.

Active ingredient

Goliath® Gel contains fipronil, the first active ingredient from a unique and highly effective group of insecticides – the phenylpyrazoles. Their effect is based on the inhibition of the gamma amino butyric acid receptor. The absence of the effect of the receptor causes an uncoordinated hyperexcitation of the nerve cells.

The efficacy of fipronil, the non-repellent food attractant, and the ‘cascade’ effect mean that Goliath® Gel controls cockroach infestations more efficiently than other surface sprays.

Lab and field trials show that fipronil is transferred from one cockroach to the next, as the survivors feed on the cadavers (necrophagia) or the faeces of the individuals that have ingested the gel. Goliath® Gel can also be recommended as a sole solution for combating cockroach infestations without additional measures.

Efficiency of Goliath® Gel

![Graph showing efficiency of Goliath® Gel](image)

Result based on a trial application of 0.03 g Goliath® Gel with 1,000 affected German cockroaches

Characteristics of Goliath® Gel

- Very high yield due to small application quantities.
- Goliath® Gel does not evaporate and is odourless. It is also non-toxic.
- The 30 mg Goliath® Gel drops are hidden at inaccessible locations, so that humans and domestic animals do not have contact with the product.
- Absorption of fipronil through the skin is very limited. In case of skin contact wash the affected skin section with water and soap.

The targeted and frugal application, in association with fast and lasting effect, means that Goliath® Gel offers benefit to both user and the customer.
Combines ease of use with high effectiveness

**Goliath® Gel**

- **Indication**
  - For cockroach control
- **Active ingredient**
  - 0.05% fipronil
- **Formulation**
  - Gel bait
- **Dose**
  - Depending on type and size of the cockroaches (1-3 gel droplets/m²)
- **Mode of action**
  - Hypersensitisation of the nervous system by affecting the gamma aminobutyric-acid receptor
- **Duration of effect**
  - Up to six weeks
- **Application areas**
  - In and around the domestic areas as well as in public institutions and commercial locations

**Application**

Since its introduction in 1996, Goliath® Gel has established itself in the pest control market, by combining ease of use and high effectiveness in a single product. Goliath® Gel is a baiting gel, packaged in small, manageable cartridges, and is simply applied using a dosing pistol. An extremely light pull of the trigger suffices to produce a droplet of 0.03 grams. The gel is then ingested by the cockroaches. It is discrete and permits the treatment of infested buildings without endangering the inhabitants and without risk to adults, children, or pets.

Goliath® Gel thus offers a unique level of comfort for both pest control operators and customers alike. The treatment of a room infested with cockroaches can be applied without disturbance or contamination risk to the customer or the user. All corners and locations, which were hitherto difficult to treat, are now within easy access. Pipes, channels and all electrical devices, switches and conduits can all be treated.

Goliath® Gel can be deposited exactly where the cockroaches are hiding and hence be used in any room infested by cockroaches. Treatment with Goliath® Gel does not require any prior preparation. Cleaning after usage is not required. The advantages of Goliath® Gel are efficacy, time efficiency and profitability – a real alternative to traditional spray treatments. The smaller application quantity means the gel is particularly useful for use in restricted areas such as hospitals, the food industry, microelectronics facilities, play schools etc.
The premium product with rapid knockdown effect

### Dosage

Goliath® Gel contains 0.05% fipronil and is provided in a 35 g cartridge, which suffices for the treatment of more than 1,000 m² (German cockroach) and more than 500 m² (Oriental cockroach).

<table>
<thead>
<tr>
<th>Type of cockroach</th>
<th>Normal Infestation</th>
<th>Heavy Infestation</th>
</tr>
</thead>
<tbody>
<tr>
<td>German cockroach</td>
<td>1 gel droplet/m²</td>
<td>2 gel droplet/m²</td>
</tr>
<tr>
<td>Oriental cockroach</td>
<td>2 gel droplet/m²</td>
<td>3 gel droplet/m²</td>
</tr>
<tr>
<td>American cockroach</td>
<td>2 gel droplet/m²</td>
<td>3 gel droplet/m²</td>
</tr>
</tbody>
</table>

*Indications in gel droplets per square metre of surface to be treated. A gel droplet weighs 0.03 g.

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Goliath® Gel: Reg. No. 13768 (Act 36/1947) contains fipronil (phenyl pyrazole) 0.5 g/kg. Harmful.

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