



We create chemistry

Goliath® 0.05% Gel

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DIRECTIONS FOR USE:

Goliath® 0.05% Gel is a cockroach gel bait containing fipronil in an attractive food base active against all major species of cockroaches. Fipronil is active against all major species of cockroaches. Fipronil has practically no odour and a low vapour pressure, this means that the product is not volatile and since there is no aromatic solvents in the formulation Goliath® 0.05% Gel is odour free. Goliath® 0.05% Gel contains only 0.05 % fipronil and is applied throughout infested areas at relatively low rates ranging from 0.03-0.09 g/m² depending upon the cockroach species and level of infestation.

MODE OF ACTION:

Goliath® 0.05% Gel acts by ingestion (Fipronil has both contact and ingestion action). The active ingredient, Fipronil, attacks the nervous system, causes an uncoordinated hyperexcitation of the nerve cells followed by death. Cockroaches often start to feed on Goliath® 0.05% Gel within minutes of its application and will then die within a few hours. Fipronil can be transferred from one cockroach to another as survivors eat the corpses or faeces of individuals that have eaten the gel. This is known as the Cascade Effect and enables Goliath® 0.05% Gel to reach and control even those cockroaches that remain hidden within harbourages. Treated areas should be re-inspected after 1– 2 weeks. Where initial infestation was severe a second Goliath® 0.05% Gel application may be required if the first treatment has been consumed and live cockroaches are still present. Goliath® 0.05% Gel remains both attractive and active for as long as 12 weeks, providing protection against re-colonization from nearby untreated populations

RECOMMENDATION FOR USE

Target Pest	Application rate for the given density of infestation*	
	low	high
German cockroach	1 spot/m ²	2 spots/m ²
Oriental cockroach American cockroach and others	2 spots/m ²	3 spots/m ²

NOTE: One spot = 0.03 g measuring 3-4 mm diameter (illustrated with actual size spot legend: (actual size). Application of the gel is concentrated in and around identified cockroach harbourages; Bait points placed within the warm, damp and dark areas that cockroaches love are likely to be most effective. Removing access panels rather than just baiting on external surfaces is advisable in many cases the quantity employed being based upon the total floor area of the infested building. Avoid excessively dusty, damp or greasy locations.

* Density of infestation:

- Low infestation: cockroaches rarely visible during the day.
- High infestation: cockroaches commonly visible during the day.

RESISTANCE MANAGEMENT:

Use different application methods (e.g. Baits, sprays) with different mode of action insecticides to provide control and delay the development of resistance.

RATE OF APPLICATION/SPRAY INTERVAL

SAFETY PRECAUTIONS:

No special measures necessary if stored and handled correctly. Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Do not breathe in the product. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

STORAGE:

Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Store in original container tightly closed, in a safe place. Keep away from heat. Protect from direct sunlight. Protect from temperatures above 35 °C. Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

WASTE DISPOSAL:

On emptying the container perforate or puncture holes on empty containers and dispose off in accordance with National legislation and Regulation. DO NOT RE-USE empty containers for any other purpose.

LEAK AND SPILLS:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieseq|guhr).

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

ENVIRONMENTAL HAZARDS:

Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment. Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

FIRST AID MEASURES:

General advice: Avoid contact with the skin, eyes and clothing. Take off immediately all contaminated clothing. Show container, label and/or safety data sheet to physician. First aid personnel should pay attention to their own safety.

If Inhaled: Keep patient calm, remove to fresh air and seek medical attention.

Skin contact: After contact with skin, wash immediately with plenty of water and soap.

Eye contact: Immediately wash affected eyes for at least 15 minutes under running water, with eyelids open.

Ingestion: Rinse mouth and then drink plenty of water.

TAKE PATIENT TO DOCTOR.

TOXICOLOGICAL INFORMATION:

Signs and symptoms of Poisoning: No significant reaction of the human body to the product known.

Antidote: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Note to physician: Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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In case of poisoning call Toll Free number 0800720021/0800730030 (24Hrs).

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use or store a pest control product under unsafe conditions.

WARRANTY:

Seller's guarantee is limited to the terms set out on the label and subject there, to the buyer who assumes the risks to persons or property arising from the use or handling of this product and accepts the product on that condition.

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Goliath® 0.05% Gel**MAPENDEKEZO YA UTUMIAJI:**

Jeli aina ya chambo iliyoko na fipronil inayotumika kudhibiti mende. Fipronil ni mojawapo ya kiuadudu cha kipekee kinachodhibiti aina zote za mende. Fipronil hainuki wala haifushi hivi basi Goliath® 0.05% Gel haina harufu yoyote.

JINSI INAVYOFANYA KAZI:

Fipronil hufanya kazi kwenye neva inapokulwa. Mende huanza kuila Goliath® 0.05% Gel dakika chache inapotumiwa hivyo basi kufa kwa muda wa masaa. Fipronil inaenea kutoka mende moja hadi ingine wakati zilizo hai zinakula mizoga au vinyesi vya zilizokufa baada ya kula jeli hii. Kitendo hiki kinatambulika kama 'the Cascade Effect' na kinasaidia Goliath® 0.05% Gel kufika na kudhibiti hata wale mende wanaobaki mafichoni. Maeneo yaliyotibiwa yanapaswa kuchunguzwa tena baada ya wiki 1- 2. Ambapo uvamizi wa wadudu ya awali ilikuwa kali upakaji wa Goliath® 0.05% Gel mara ya pili itahitajika kama matibabu ya kwanza haikuzuia mende. Athari ya Goliath® 0.05% Gel inaweza kudumu kwa muda mrefu kama wiki 12, unaotoa ulinzi wa ziada dhidi ya mende walio mahali haijatiwiwa.

JINSI YA KUTUMIA:

Goliath® 0.05% Gel iko na kiasi cha 0.05 % fipronil, hivi basi inatumika kiasi kidogo kuanzia gramu 0.03-0.09 /m² kulingana na aina ya mende walioko.

AINA (SPISHI) YA MENDE	KIASI CHA KUTUMIA KULINGANA NA WINGI WA MENDE*	
	KIDOGO	KINGI
Mende za Ujerumani	tone 1/m ²	tone 2/m ²
Mende za Mashariki	tone 2/m ²	tone 3/m ²
Mende za Marekani na zinginezo		

Fahamu: tone 1 = gramu 0.03 za kipenyo cha mm 3-4 (kulingana na 'actual size spot legend': (actual size).

Jeli hii inafaa kuwekwa mahali mende wanapoonekana kuwa na maficho; kipimo kinachotumiwa kitaambatanishwa kulingana na kipimo cha eneo lililo na mende. Usitumie dawa mahala palipo na vumbi, unyevu au mafuta.

* Wingi wa mende:

- Kidogo: mende hawaonekani sana mchana.
- Kingi: mende wanaonekana sana mchana.

KIPIMO CHA KUTUMIA/MUDA WA KURUDIA**TAHADHARI KWA MTUMIAJI:**

Unapotumia dawa hii vaa nguo za kujikinga kama vile glovu, ovaroli, gambuti. Unapotumia dawa hii linda macho, ngozi na nguo ulizovaa. Usipumue unapotumia dawa hii. Hakikisha uingizaji wa hewa ni mzuri kwenye sehemu za kuhifadhi dawa na maeneo ya kazi. Usile, usinywe wala usivute sigara unapotumia dawa hii. Osha mikono na uso iliyoguswa, kabla kwenda kwa haja na baada ya kumaliza kutumia dawa. Hakuna hatua maalum zinazohitajika ikiwa zimehifadhiwa na kushughulikiwa kwa usahihi.

KUHIFADHI:

Hifadhi dawa ndani ya pakiti yake halisi mahali ambapo ni salama, kavu, na hakuna joto nyingi, penye hewa nyingi na ni mbali na chakula na watoto hawawezi kufikia. Hakikisha joto halizidi nyuzi 35.

KUTUPA MABAKI:

Haribu chombo cha dawa kwa kutoboa mashimo baada ya kuitumia dawa yote iliyomo halafu itupe mahali pazuri mbali na mto kuambatana na sheria zilizoko kwenye nchi. USITUMIE KWA MATUMIZI INGINE.

DAWA IKIMWAGIKA:

Jikinge na nguo na vifaa vya kuzuia madhara ya dawa. Panguza dawa iliyomwagika na mchanga au vumbi inayopatikana wakati mbaao inapopasuliwa (sawdust). Osha mahali au vifaa vilivyomwagikiwa na dawa kwa maji mengi na sabuni.

HADHARI KWA MAZINGIRA:

Usitupe dawa ama mikoba yake kwenye mitaro au vidimbwi vya maji huduru samaki na viumbe vya majini. Usichafue vidimbwi vya maji kwa dawa hii au mabaki yake. Usioshe vombo vilivyotumika karibu na mito. Usimwage mabaki kwenye nyumba za wanyama au barabara.

HUDUMA YA KWANZA:

Ukihisi hali mbaya ya afya utumiapo dawa hii, tafadhali muone daktari na umuonyeshe kibandiko cha dawa hii.

Ikiwa imeingizwa: Weka mgonjwa atulie, mukeke kwenye hewa safi na utafute matibabu.

Kushikwa kwa Ngozi: Baada ya kuguswa na dawa kwa ngozi. Osha kwa maji mengi na sabuni.

Kushikwa kwa Macho: Osha macho yaliyoathiriwa kwa muda wa dakika 15 chini ya maji ya kukimbia na kope la jicho likifunguliwa wazi.

Kumeza: Suuza mdomo na kisha kunywa maji mengi.

PELEKA MJERUHI KWA DAKTARI.**MAELEZO KUHUSU SUMU:**

Dalili ya kusumika: Hakuna ripoti kutoka kwa binadamu kuhusu kuingiwa na sumu. Yamkini hakuna sumu kali inayoweza kutokea.

Kiuasumu: Hakuna tiba ijulikanayo kwa sasa. Tibu kufuatia dalili za ugonjwa.

Maagizo kwa daktari: Matibabu: Tibu kufuatia dalili (njia ya kuondoa kemikali, viungo muhimu). Hakuna tiba ijulikanayo.

Dalili ya kusumika: Hakuna ripoti kutoka kwa binadamu kuhusu kuingiwa na sumu. Yamkini hakuna sumu kali inayoweza kutokea.

Kiuasumu: Hakuna tiba ijulikanayo kwa sasa. Tibu kufuatia dalili za ugonjwa.

Maagizo kwa daktari: Matibabu: Tibu kufuatia dalili (njia ya kuondoa kemikali, viungo muhimu). Hakuna tiba ijulikanayo.

Wakati wa madhara piga nambari bila malipo 0800720021/0800730030 (Masaa 24).

ILANI KWA WATUMIAJI:

Dawa hii sharti itumiwe kulingana na maagizo kwenye kibandiko hiki tu. Ni hatia chini ya Sheria za madawa ya kuangamiza wadudu waharibifu kutumia au kuweka dawa hii mahala pasipo usalama.

THIBITISHO:

Dhamana ya Muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mnunuzi lazima akubali hatari zozote zinaweza kutokana na matumizi ya dawa hii kwa binadamu au mali na lazima aikubali dawa hii katika hali hiyo.