

CIR-181853/2021-Fipronil (Gel) (428)-3766

### **Fipronil 0.05% Gel**

( Household Insecticide )

Fipronil 0.05 % Gel is a household insecticide recommended for the control of American cockroach (*Periplaneta americana*) and German cockroach (*Blattella germanica*). Extremely low amounts of the chemical is required to achieve the control. The application of Gel is fast and convenient, as it causes no disturbance or discomfort and there is no need to leave the premises during or after the treatments. It is highly effective, safe and the most modern technology for cockroach control.

#### **Recommendation**

Fipronil 0.05% Gel is a household insecticide recommended for the control of American cockroach (*Periplaneta americana*) and German cockroach (*Blattella germanica*). The Bait gun dispenses 0.03 gm of Fipronil Gel at every shot 3 to 4 spots per sq.mt. is recommended for good control.

#### **Direction of Use**

The Gel system is compact and easy to use. The cartridge containing the insecticide is to be fitted to the specially designed bait gun, which facilitates precision dosing and at every shot 0.03 gm of Fipronil Gel is released. It is important to identify the cockroach species because this influences the spot size of the Gel. For smaller sized German Cockroach, spot size of 3-4 mm in diameter is ideal and for the larger American cockroaches the spot size should be 6 mm in diameter. The difference in spot size is necessary to account for greater consumption of the gel by larger cockroaches. Knowing the level of cockroach infestation is very important because it influences the number of spots to be applied in cracks & crevices and other common cockroach harborages. For a good control 3 to 4 spots per sq. mtr is recommended. The area to be treated should be calculated on the basis of surface area of the site being treated and not on the basis of floor area.

#### **Precaution**

Keep away from food stuff. Do not smoke, eat or drink while using. Wash off contaminated body/clothes after use and before eating, drinking.

#### **Symptoms Of Poisoning**

Mainly consists of irritability lethargy, muscle tremors and in extreme cases possibly convulsions may occur. Fipronil is a reversible GABA receptor inhibitor and these symptoms are reversible after termination of exposure.

#### **First Aid**

Induce vomiting if swallowed by tickling at the back of the throat with the finger. Flush the eyes with plenty of cold water. Wash the skin with plenty of soap and water. Get medical attention.

#### **Antidote**

No specific antidote. Give symptomatic treatment.

**Disposal Of Used Container**

Destroy empty cartridges by crushing and burying in soil in a safe place away from water sources and habotants. Used cartridges should be destroyed in such a manner so that there will be no water or environmental pollution. Used cartridges should not be left outside to prevent its reuse.

**Storage Conditions**

The Cartridge containing the Formulated grade insecticides should be stored in original container in a separate room or almirah under lock and key depending on the upon the quantity of pesticide, away from reach of children, food stuffs, animal feeds and other articles and keep in cool and dry place. The premises for storage should be well built, well lit, sufficient in dimension and well ventilated.

**Chemical Composition:**

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Fipronil A. I.	0.05 % m/m
Monobutyl ether of diethylene glycol	0.50 % m/m
Denatonium benzoate	0.005 % m/m
Moisture content	17.00 % m/m
Fructose	QS % m/m

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**Total: 100.000% w/w**

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