

CIR-191769/2021-Imidacloprid (SC) (429)-3923

### **Imidacloprid 30.5% SC**

( Systemic and Contact Insecticide )

It is a systemic insecticide containing imidacloprid active ingredient, balance auxillaries and inert material. It is used for control of termites in buildings and for the control of Jassids, Aphids & Thrips in cotton and brown plant hopper and white Backed Plant hopper in rice; Aphids and thrips in Chilli .

#### **Recommendation**

<b><u>Crop(s)</u></b>	<b><u>Common Name of Pest</u></b>	<b><u>Dosage/HA</u></b>		<b><u>Dilution in Water</u></b>	<b><u>Waiting Period between last spray to harvest</u></b>	<b><u>Re-entry after each Application (In Hours)</u></b>
		<b><u>AI (gm)</u></b>	<b><u>Formulation</u></b>			
Cotton	Aphid, Jassids, Thrips	21-26.25	60-75	500-750	26	
Rice	Brown plant hopper, white backed plant hopper	21-26.25	60-75	500-750	37	
Chilli	Aphids, Thrips	43.75 – 52.5	125-150	500	5	-

#### **Direction of Use**

Imidacloprid 30.5 % SC shall be applied at 0.075% a.i. concentration i.e.2.1 ml formulated product diluted in 1 litre of water for the control of termites during pre and post construction of building. Treatment should be as per IS 6313 (Part-2) 2001 for pre-constructional chemical treatment and IS 6313(part-3)2001 for post construction treatment.

#### **Time of Application**

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**Precaution** poisonous. handle with care. do not touch or inhale the contents. while handling the contents use rubber gloves and face mask.

#### **Symptoms Of Poisoning**

apathy, myatonia, tremor, difficult breathing & myospasms.

#### **First Aid**

if the product gets into the eyes, rinse it out immediately with plenty of water. incase of poisoning measure blood pressure and pulse rate frequently. since bradycardia and drop in blood pressure

may occur, artificial breathing and heart action are recommended. Eliminate the active ingredient through gastic lavage and saline laxatives.

### **Antidote**

There is no known specific antidote. follow attached directions. Treat symptomatically.

### **Disposal Of Used Container**

1. the packages shall be broken and buried away from habitation.
2. the used packages shall not be left outside to prevent their re-use.
3. packages or surplus material and washings should be disposed off in safe manner so as to prevent environment or water pollution.

### **Storage Conditions**

1. the packages containing the insecticide shall be stored in seperate rooms or premises away from the rooms or premises used for storing other articles particularly articles or shall be kept in separate almirahs under lock and key depend upon the quantity and nature of the insecticides.
- 2.the rooms or premises meant for storing the insecticides shall be well built, well lit, dry, well ventilated and of sufficient dimension to avoid contamination with water vapour.

### **Chemical Composition:**

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Imidacloprid a.i.(on 100% basis)	30.50 % M/M
Ethoxylated derivative of styrylated phenols	1.50 % M/M
Ethoxylated polymethacrylate in propylene glycol and water	4.50 % M/M
Trihydroxy propane	10.00 % M/M
Xanthane Gum	13.00 % M/M
Phenyl methoxy methanol	1.00 % M/M
Blend of methyl isothiazolone & its chloro derivative	1.00 % M/M
Water solution of Polydimethyl siloxane	1.00 % M/M
	QS %
Water(demineralised)	M/M
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<b>Total:</b>	<b>100.000% w/w</b>

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