

MIDAGOLD PLUS

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Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet

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MIDAGOLD PLUS

Imidacloprid 30.5% SC

(Systemic and Contact Insecticide)

It is a systemic insecticide containing imidacloprid active ingredient, balance auxiliaries 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 .

Recommendation

It is used for control of termites in building as follows :

pre-construction: the chemical emulsion shall be applied uniformly at the prescribed rate in all the stages of treatment. hand operated sprayer or watering can should be used for application of chemical emulsion.

treatment of masonry foundations:

1. bottom surface and sides of foundation pits upto a height of 30 cm should be treated @5 ltr chemical emulsion per sq. mtr. of surface area.
2. back fill earth in immediate contact with the foundation structure should be treated @7.5 ltr. per sq. mtr. of the vertical surface of the substructure for each side.
3. treatment of rcc foundations: treatment should start at a depth of 50 cm below ground level @ 7.5 ltr. per sq.mtr.
4. treatment of top surface of plinth filling: the top surface of the consolidated earth within plinth walls shall be treated with chemical emulsion at the rate of 5 ltr/m² of the surface before the sand bed or sub-grade is laid.
5. soil treatment along external perimeter of building: earth along the external walls of the building should be rodded at intervals of 15 cm and to a depth of 30 cm exposing the foundation wall surface. chemical solution should be poured along the wall @ 7.5 ltr. per sq. mtr. of vertical surface.
6. treatment of soil under apron along external perimeter of building: top surface of the earth over which the apron is to be laid shall be treated with chemical solution @ 5 ltr per sq. mtr. of the vertical surface.

post construction:

1. soil treatment along external perimeter of building : earth along the external walls of the building should be rodded at intervals of 15 cm and to a depth of 30 cm exposing the foundation wall surface. chemical solution should be poured along the wall @ 7.5 ltr per sq. mtr of vertical surface.
2. treatment of soil under apron along external perimeter of building: top surface of the earth over which the apron is to be laid shall be treated with chemical solution @ 5 ltr per sq. mtr. of the vertical surface.
3. treatment of soil under floor: to prevent entry of termites from cracks, soil under floor should be treated. drill 12 mm holes at the junction of floor and wall at 30 cm interval to reach the soil below squirt the chemical solution @ 1 ltr per hole and seal.
4. treatment of voids in masonry: the movement of termites through masonry walls may be restricted by drilling holes in masonry wall at about 45 degree angle preferably from both sides of the plinth wall at 30 cm interval and squirt the chemical in holes till refusal and seal the holes.
5. treatment of upper floors: in case of infestation in upper floors, treat ground floor of the existing building as described above.

(B) Agricultural Crops: It should be used for control of Jassids, Aphids & Thrips in cotton and brown plant hopper and white Backed Plant hopper on rice @ 21-26.25 gm a.i./ha (60-75 ml formulation) diluted in 500-750 lit water. Waiting period for cotton & rice is 26 & 37 days respectively.

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water	Waiting Period between last spray to harvest	Re-entry after each Application (In Hours)
		AI (gm)	Formulation			
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	

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.

Precaution

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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 almira's 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:

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
Water(demineralised)	QS % M/M
Total:	100.00 % M/M

Manufactured By:

Star Chemicals
307, 3rd Floor, University Plaza, Above Chocolate Room, Vijay
Cross Road

Navrangpura, Ahemdabad, Gujarat 380009

Manufacturer Premises :

307, 3rd Floor, University Plaza, Above chocolate Room, Vijay
Cross Road, Navrangpura, Dist. Ahmedabad (Gujarat)

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