

Safety Pictograms:



Big Label

(> 250 mL Primary and Secondary Package Label)

Read leaflet before use:

Common Name:

Chlorpyrifos 50% EC

BRAND NAME: Predator/ Dursban

Crops and Pest Groups: .

Dosage, Direction for use and Manner and time of application : Please refer leaflet for details

Purpose:

for agricultural use.
non agricultural use:
in buildings :

Re-entry:

48 hours

Chemical Composition :

Content % w/w

Chlorpyrifos a.i.	active ingredient	50.0 %w/w
Aromatic hydrocarbon solvent (eg. Aromax)	other ingredient	Q.S. % w/w
Emulsifier B : Blend of anionic (ethoxylated hydrocarbon) and non anionic (sulphonated hydrocarbon)	other ingredient	2.4 % w/w
Emulsifier A: Blend of hydrocarbon and non ionic (sulphonated hydrocarbon)	other ingredient	5.6 % w/w

Total:100.00%

Safety Precautions:

Chlorpyrifos 50% EC

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Household Insecticide

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Keep out of reach of children.

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Keep in cool, dry place away from heat and open flame.

Regn. No. _____

Mfg. Lic. No. _____

Batch No. _____

Mfg Date _____

Exp. Date _____

Net Content / Volume _____

Max. Retail Price _____

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5.6 % w/w

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Keep away from foodstuffs, empty foodstuffs containers and animals food. Avoid contact with mouth, eyes and skin. Avoid inhalation of spray mist. Spray in the direction of wind. Wear protective clothing like apron, gloves, face shield and boot while mixing and spraying. Wash thoroughly the contaminated clothes and parts of the body after spraying. Do not smoke, drink, eat and chew anything while spraying. Wash the affected areas before eating, drinking or smoking. Avoid contamination of environment and water.

Symptom of Poisoning:

Any combination of excessive swelling, headache, giddiness, salivation, weakness, nausea, stomach pain, blurred vision and muscle twitching

First Aid:

If inhaled: Move person in fresh air. If problem in breathing, give artificial respiration which includes mouth to mouth breathing and consult a physician.

Skin Contact: Wash-off with soap & plenty of water, if itching, redness, pain persists, contact Doctor/physician.

Eye Contact: Flush eye with water for at least 15 minutes. If redness, itching or pain or any other symptoms, consult an eye-specialist/physician.

If Swallowed: Do not induce vomiting until and unless desired by attending qualified doctor and do not give anything by mouth, if person is unconscious. If person is alert, rinse mouth with water and give 1-2 glass of water to drink & if needed consult a physician.

Antidote

inject atropine sulphate 2 to 4 mg and repeat every 5 to 10 minutes until fully atropinised. administer 1 to 2 grams of 2 pam (2-pyridine-adoxime-n-methyl iodine) dissolved in 10 cc of distilled water and inject intervenously, very slowly for 10 -15 minutes. if need be artificial respiration or oxygenation may be given. diagnosis can be confirmed by estimating cholinesterase activity of the blood

Cautionary statements:

- 1.toxic to honey bees. product should not be used where honey bees are actively foraging.
- 2.not to be used on crops other than those subscribed on label and leaflet.
- 3.dangereous to re use empty container
- 4. It is very toxic to birds and .5. It is toxic to fish and other aquatic organisms, hence should not be used near aquaculture.

Manufactured by

Dow AgroSciences India (P) Ltd
1st Floor, Block-B, Gate No.-2, Godrej IT Park, Godrej Business District, Pirojshanagar, L.B.S Marg, Vikhroli Mumbai Mumbai Maharashtra 400079

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Premises Address

- (1). M/s Dow AgroSciences India Pvt Ltd., 1) A-1, Lote Parusharam Industrial Area, Tal:- Khed, Dist. :- Ratnagiri. Maharashtra 415722.
- 2) Plot No. 228, G.I.D.C. Estate, Panoli, Distt. . Bharuch, Gujarat. Pin . 394116 Gujarat
- (2). (4) Dow AgroSciences India Pvt. Plot No 905, GIDC Estate, Ankleshwar, Gujarat- 393 002. Gujarat

Customer Care Details

Dow AgroSciences India (P) Ltd
1st Floor, Block-B, Gate No.-2, Godrej IT Park, Godrej Business District, Pirojshanagar, L.B.S Marg, Vikhroli

Safety Pictograms:



Chlorpyrifos 50% EC

(Household Insecticide)

Chlorpyrifos 20% EC is a wide spectrum contact and stomach insecticide used to control termites in buildings, construction and in existing buildings, yellow stem borer and leaf roller infesting rice and borers in cotton.

Chemical Composition:	Ingredient	%W/W
Aromatic hydrocarbon solvent (eg. Aromax)	other ingredient	Q.S. % w/w
Chlorpyrifos a.i.	active ingredient	50.0 %w/w
Emulsifier A: Blend of hydrocarbon and non ionic (sulphonated hydrocarbon)	other ingredient	5.6 % w/w
Emulsifier B : Blend of anionic (ethoxylated hydrocarbon) and non anionic (sulphonated hydrocarbon)	other ingredient	2.4 % w/w
Total:		100.00% w/w

Recommendation

Crop Target Insect Pests Dosage per ha Water (L/ha) Waiting period from last application to harvest (in days)

a.i.

(Kg/ha) Formulation

(ml/ha)

Paddy Stem borer/Leaf roller 0.375-0,4 750-800 500-1000

Cotton Bollworms 0.5-0.6 1000-1200 500-1000

Non-Agricultural Use- Buildings (pre construction stages) Termites 0.5% 0.5%

Non-Agricultural Use- Buildings (Post construction stages) Termites 1% 1%

Note:-

Good Practices relating to pesticide application techniques

Direction of Use

Crop Target Insect Pests Dosage per ha Water (L/ha) Waiting period from last application to harvest (in days)

a.i.

(Kg/ha) Formulation

(ml/ha)

Paddy Stem borer Leaf roller 0.375-0,4 750-800 500-1000

Cotton Bollworms 0.5-0.6 1000-1200 500-1000

Non-Agricultural Use- Buildings (pre construction stages) Termites 0.5% 0.5%

Non-Agricultural Use- Buildings (Post construction stages) Termites 1% 1%

Weather Condition(in general):

Spray preferably during morning and evening hours. Do not apply on a windy day or before rain

Soil & Water(when ever applicable):

-

Crop Stage for application:

May be applied to the above-mentioned crops at any stage of crop growth when the incidence of pests is observed. Spray uniformly and ensure proper coverage of the spray on the plant.

Application Technique

Spray directed towards the plant with knapsack sprayer using hollow cone nozzle is to be used. Spray uniformly and ensure proper coverage of the spray on the plant.

Equipment Type:

Knapsack sprayer

NozzleType:

Hollow cone nozzle

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

Dosage:

Crop Target Insect Pests Dosage per ha Water (L/ha) Waiting period from last application to harvest (in days)

a.i.

(Kg/ha) Formulation

(ml/ha)

Paddy Stem borer/Leaf roller 0.375-0,4 750-800 500-1000

Cotton Bollworms 0.5-0.6 1000-1200 500-1000

Non-Agricultural Use- Buildings (pre construction stages) Termites 0.5% 0.5%

Non-Agricultural Use- Buildings (Post construction stages) Termites 1% 1%

Instruction for Mixing:

-

Re-entry Period

48 hours

Manner and Time of Application

Avoid application in afternoon hours. Ideal timing for application is morning and evening hours. Do not spray against wind

Application Timing

Spray preferably during morning and evening hours. Avoid application on a windy day or before rain.

Frequency

One or two sprays may be applied to the above-mentioned crops at any stage of crop growth when the incidence of pests is observed using hollow cone nozzle.

Stages during which pesticides should not be applied on any crop :

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Precautions to be taken to avoid harm to the beneficial insects like honey bees and natural enemies of pests :

do not spray during active bee-foraging period of the day.

Very toxic to birds.

Toxic to fish and other aquatic organisms, hence, should not be used near aquaculture.

Symptoms Of Poisoning

Any combination of excessive swelling, headache, giddiness, salivation, weakness, nausea, stomach pain, blurred vision and muscle twitching.

First Aid

If ingested If person is conscious and alert, rinse mouth with water and give 1 or 2 glass of water to drink. Never give anything by mouth to an unconscious person. Call the doctor. Do not induce vomiting until and unless desired by attending physician.

If inhaled Take the patient to fresh air and take care of body temperature. If patient is not breathing or breathing with difficulty, give respirations, preferably with mouth to mouth breathing. Consult a physician.

In case of skin contact Wash thoroughly the affected part of the body with soap and plenty of water including hair and under finger nails. If pain, redness or irritation persists, consult a doctor. All the contaminated clothes should be segregated and thoroughly washed with soap and water separately before use.

In case of eye contact Rinse gently with plenty of water at least for 15 minutes. If pain, irritation, redness or photophobia persists, consult eye specialist.

Antidote

Inject atropine sulphate 2 to 4 mg and repeat every 5 to 10 minutes until fully atropinised. Administer 1 to 2 grams of 2 PAM (2-pyridine-adoxime-N-methyl iodine) dissolved in 10 cc of distilled water and inject intervenously, very slowly for 10 -15 minutes. If need be artificial respiration or oxygenation may be given. Diagnosis can be confirmed by estimating cholinesterase activity of the blood.

Phytotoxicity

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Storage Conditions

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

The package containing formulated grade insecticide should be stored in original containers in a separate room or almirah under lock and key in cool and dry place away from the reach of children, food & animal feeds and other articles. The premise should be well built, well lit, sufficient in dimension and well ventilated.

Safety Precaution:

Use good personal hygiene. Do not consume or store food in the work area, Wash hands and exposed skin before eating, drinking or smoking and after work. Avoid eye contact. For most conditions, no respiratory protection should be needed. In dusty atmospheres, use an approved particulate respirator. Use chemically resistant gloves and wear clean body covering. Use chemical goggles for eye and face protection

Cautionary Statement:

1.toxic to honey bees. product should not be used where honey bees are actively foraging. 2.not to be used on crops other than those subscribed on label and leaflet.3.dangereous to re use empty container 4. It is very toxic to birds and .5. It is toxic to fish and other aquatic organisms, hence should not be used near aquaculture.

Disposal of used containers, washing from equipment and surplus material :

Disposal of used packages, surplus materials and washings of insecticides. -

1. It shall be the duty of the manufacturer, formulator of insecticide and operators to dispose packages or surplus material and washings in a safe manner so as to prevent environmental or water pollution.
2. The used packages shall not be left outside to prevent their re-use.
3. The packages shall be broken and buried away from habitation.

Manufacturer Premises :

(4) Dow AgroSciences India Pvt. Plot No 905, GIDC Estate, Ankleshwar, Gujarat- 393 002. Maharashtra

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Safety Pictograms:



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