

(1). Udaisagar Road, Udaipur-313001, Rajasthan
Rajasthan

(2). 237, GIDC Industrial Estate, Panoli, District Bharuch, 394116,
Gujarat
Gujarat

Customer Care Details

P I Industries Ltd
Udaisagar Road, Udaipur-313 001

Safety Pictograms:



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As per recommendation table

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

Chlorpyrifos 20% EC

(Systemic and Contact Insecticide)

Chlorpyrifos 20%, an emulsifiable concentrate is a broad spectrum organ phosphorous insecticide. It controls a wide range of insect pests in soil or on foliage in a variety of crops, by contact, ingestion and vapours action.

Chemical Composition:	Ingredient	%W/W
Aromex	other ingredient	72.5 % w/w
Chlorpyrifos technical (based on 94% w/w a.i. purity)	Active Ingredient	20.00 % w/w
Emulsifier (Anionic alkyl aryl sulphonate, non-ionic polyoxy ethylene ether)	other ingredient	6.0 % w/w
Total:		100.00% w/w

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water	Crop Stage	Re-entry Period	Pre Harvest	Frequency
		AI	Formulation					
Cotton	Aphid, Bollworm, Whitefly	250	1250	500-1000				
	Cut worm	750	3750	500-1000				
Sugarcane	Black bug	150	750	500-1000				
	Early shoot and stalk borer	250-300	1250-1500	500-1000				
	Pyrilla	300	1500	500-1000				
	Termite	1250	Soil application- 6250ml per hectare					
Wheat	Termite	0.6-0.8	Seedtreatment:3- 4gram per kg seed					
	Termite	400-600	Soil application- 2000- 3000 ml per hectare					
Gram	Cutworm	500	2500	500-1000				
	Termite	5.0-6.0	Seed treatment : 15-30 gram per kg seed					
Barley	Termite	0.8-1.2	Seed treatment : 4-6 gram per kg seed					
Tobacco	Ground beetle	350	1750	500-1000				
Paddy	Hispa, Gall midge, stem borer	250gm	1250ml	500-1000L	-	-	-	
	Leaf roller	375gm	1875ml	500-1000L				
Citrus	Black citrus aphid	0.02%	1500-2000	1500-2000				
Cabbage	Diamond backmoth	400	2000	500-1000				
Onion	Root grub	1000	5000	500-1000				
Ber	Leaf hopper	0.03%	2250-3000	1500-2000				
Brinjal	Shoot and fruit borer	200	1000	500-1000				
Groundnut	Aphid	200	1000	500-1000				
	Root grub	225	1125	500-1000				
Mustard	Aphid	100	500	500-1000				
Apple	Aphid	0.05%	3750-5000	1500-2000				

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Beans	Black bug, Pod borer	600	3000	500-1000				
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Note:- Building and factory - Termite - 1%

Good Practices relating to pesticide application techniques

Direction of Use

The product can be sprayed with knapsack sprayer, foot sprayer, compression knapsack sprayer, Compression knapsack battery sprayer and ASPEE-HTP power sprayer.

Instruction for mixing:

Take the measured quantity of Chlorpyrifos 20% EC insecticide and add to it a small quantity of water. Stir thoroughly using a rod or stick and then add the remaining quantity of water, agitate well to form final spray solution.

Weather Condition(in general):

Avoid applications under high wind and heavy rains forecasted.

Soil & Water(where ever applicable):

This is foliar application insecticide. So, hardly have any relation to soil. Clean water to be used for spray.

Crop Stage for application:

-

Application Technique

The product can be sprayed with knapsack sprayer, foot sprayer, compression knapsack sprayer, Compression knapsack battery sprayer and ASPEE-HTP power sprayer.

Instruction for mixing:

Take the measured quantity of Chlorpyrifos 20% EC insecticide and add to it a small quantity of water. Stir thoroughly using a rod or stick and then add the remaining quantity of water, agitate well to form final spray solution.

Equipment Type:

Knapsack sprayer

Compression knapsack sprayer

Compression knapsack battery sprayer

Battery operated power sprayer

ASPEE-HTP Power sprayer

Foot sprayer

NozzleType:

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Dosage:

As per recommendation table

Instruction for Mixing:

-

Re-entry Period

-

Manner and Time of Application

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

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

Application Timing

Apply as soon as the pest population reaches at Economic Threshold Level (ETL).

Frequency

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

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 :

1. toxic for fish and other aquatic animals. Therefore, should not be used near aquaculture.
2. Toxic for bees. Therefore, should not be used during active foraging of bees.

Symptoms Of Poisoning

Early symptoms may be any combination of headache, giddiness, vertigo, nausea, vomiting, sweating, excessive lacrimation and salivation.

First Aid

If ingested: Seek the medical advice at the earliest. 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 artificial respiration, preferably with mouth to mouth breathing. Consult a physician.

In case of skin contact: Wash thoroughly the affected part of body with soap and plenty of water including hairs and under fingernails. If pain, redness or irritation persists, consult a doctor. All 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 photo phobia persists. Consult eye specialist.

Antidote

1. Atropine and PAM (Prolydoxime).
2. Atropine: 2. 4mg intravenously, repeated every 15 minutes, soaking full atropination.
3. PAM (Pralidoxime): 1-2 grams of intravenous, not more than 0.2 grams per minute.
4. Tidot requirements are decided by medical practitioners according to the condition of the patient.
5. Penicillamine 15-40 mg / kg.

Phytotoxicity

The product is not phytotoxic when used as per the recommendation table.

Storage Conditions

1. The packages containing the insecticide shall be stored in separate rooms and premises, away from the rooms and premises used for storing other articles particularly food, or shall be kept in separate almirah under lock and key depending upon the quantity and nature of the insecticide.
2. The rooms and premises meant for storing the insecticide shall be well built, dry, well lit, ventilated and of sufficient dimensions.

Safety Precaution:

1. Keep away from foodstuffs, empty foodstuff containers and animals feed.
2. Avoid contact with mouth, eyes and skin and inhalation of the spray mist.
3. Wash thoroughly the contaminated clothes and parts of the body after using.
4. Do not smoke, drink, eat and chew anything while using the herbicide.
5. Use protective clothing which includes long sleeved shirt and long pants, chemical resistant gloves, shoes, goggles and socks while spraying.

Cautionary Statement:

not to be used on crops other than those prescribed on label and leaflets.

destroy the container after use as directed on leaflet.

1. toxic for fish and other aquatic animals. Therefore, aquaculture should not be used for driving.

2. toxic for bees. Therefore, active foraging of bees should not be used during active foraging of bees.

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

1) It shall be the duty of manufacturers, formulators of insecticides and operators to dispose Empty packages or surplus materials or washings should be disposed off in a safe manner as to not cause environmental or water pollution.

2) The used packages shall not be left outside to prevent their reuse.

3) Empty containers should not be re-used. These should be triple rinsed with water and rinsate should be poured to the spray mix.

4) The packages shall be broken and buried away from habitation.

Warning: Dangerous to reuse empty containers.

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Manufacturer Premises :

237, GIDC Industrial Estate, Panoli, District Bharuch, 394116,
Gujarat
Haryana

237, GIDC Industrial Estate, Panoli, District Bharuch, 394116,
Gujarat
Rajasthan

Udaisagar Road, Udaipur-313001, Rajasthan
Haryana

Udaisagar Road, Udaipur-313001, Rajasthan
Rajasthan

Manufactured by

P I Industries Ltd
4th Floor, Tower-A, Mellennium Plaza, Sector-27, Gurgaon-122 002
Gurgaon Haryana

Customer Care Details:

P I Industries Ltd
Udaisagar Road, Udaipur-313 001

Safety Pictograms:



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