

CIR-191806/2021-Alphacypermethrin (WP) (429)-1860

Alphacypermethrin 5% WP

(Insecticide)

It is broad spectrum insecticide containing 5% w/w alphacypermethrin. A highly effective public health insecticide for control of adult mosquito.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (Ltr)	Waiting Period between last spray to harvest (in days)	Re-entry after each Application (In Hours)
		AI (mg/m ²)	Formulation (gm)			
–		40 (single cycle application)	Dilute 400 gm of Alphacypermethrin 5% WP in 10 litres of water to cover 500 sq.m area.	400		
Public health use	Adult mosquitoes	25(2 cycles application to repeat after 3 month)	Dilute 250 gm of Alphacypermethrin 5% WP in 10 litres of water to cover 500 sq.m area.	250		

Direction of Use

Equipment:-Foot stir up pump, Knapsack sprayer and domestic hand sprayer. Apply thoroughly on all surface covering dark corners and hidden places where mosquitoes rest.

Precaution

1. Keep away from foodstuffs, empty foodstuff containers and animals food.
2. Avoid contact with mouth, eyes and skin.
3. Avoid inhalation the dust powder .Spray in the direction of wind.
- 4 . Wash thoroughly the contaminated clothes and parts of the body after spraying.
5. Do not smoke, drink, eat and chew anything while spraying.
6. Wear full protective clothing while spraying.

Symptoms Of Poisoning

Local irritation of the skin, nervousness, anxiety, ataxia, tremors convulsions and allergic manifestation may occur.

First Aid

1. If swallowed induce vomiting by tickling the back of the throat. Repeat it until the vomitus is clear.
Do not induce vomiting if the patient is unconscious.

2. If clothing & skin are contaminated, remove the clothes & wash the contaminated skin with copious amount of soap & water.
3. If eyes are contaminated, flush with plenty of saline / clean water for about 10 - 15 minutes.
4. If inhaled, remove the patient to fresh air.

Antidote

No specific antidote is known. Treat symptomatically. Antihistamines may be given for allergic manifestations.

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 from the machine and containers should be disposed in a safe manner so as to prevent environmental or water pollution.

Storage Conditions

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

Chemical Composition:

Alphacypermethrin tech.	based on 95% w/w a.i.	5.37 % w/w
Sod. salt of naphthalene sulphonate formaldehyde condensate	Dispersing agent	10.00 % w/w
Sod. salt of carboxymethyl cellulose	Wetting agent	2.00 % w/w
Precipitated silica		4.00 % w/w
China clay I.P. Grade		78.63 % w/w
		Total: 100.000 % w/w
