

CIR-181534/2021-Lambdacyhalothrin (WP) (428)-1724

Lambdacyhalothrin 10% WP

(Insecticide)

For Public Health and Household use only. Not to be used on any food crop. Lambdacyhalothrin WP is a broad spectrum insecticide for use as a residual spray against adult vector mosquito of Public Health importance and for control of mosquito, houseflies and cockroach.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (Ltr)	Waiting Period between last spray to harvest /Spray Deposit Rate (mg)/Sq m)	Re-entry after each Application (In Hours)
		AI (gm)	Formulation (gm)			
For Household Use	Mosquito, House flies, Cockroach	10	100	10	20	
For public Health Use	Mosquito	7.5-15	75-150	10	15-30	

Direction of Use

Lambdacyhalothrin 10 WP is intended for dilution in water for application as a residual spray using conventional compression sprayer or stirup pump commonly used in Malaria Containment Programme by Public Health Agencies. The application is carried out at a pressure of 40 psi. In case of compression sprayer. Half-fill the sprayer with 5 lit of clean water put the whole soluble sachet or empty the whole polythene pack or put the remaining 5 lit of clean water, put in the required quantity of 10 WP as directed above stir vigorously with a rod for one minute to mix powder suspension in water. Add further 5 lit of water to fill the bucket. Stir again for one minute. The suspension is now ready for sprayer with the stirup pump. The 10 lit. Suspension is enough to cover a surface area of 500 sq.m

Precaution

1. Keep away from foodstuffs, empty foodstuff containers and animals food.
2. Avoid contact with mouth, eyes and skin.
3. Avoid inhalation the spray mist. 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 mixing and spraying.

Symptoms Of Poisoning

Nervousness, anxiety, tremor, convulsions, skin irritation, allergies, sneezing, running nose and irritation may occur.

First Aid

1. If swallowed, do not induce vomiting or give liquid orally. 2. If clothing and skin are contaminated, remove the clothes and wash the contaminated skin with copious amount of soap and water. 3. If eyes are contaminated, flush with plenty of saline/clean water for about 10 to 15 minutes. 4. If inhaled, remove the patient to fresh air

Antidote

No specific antidote is known, Treat symptomatically. Antihistamines may be given to control allergies.

Disposal Of Used Container

1 It shall be the duty of manufacturers/formulators of insecticide and operator to dispose packages or surplus materials and washings from the machine and container shall be disposed off in a safe manner so as to prevent environmental and water pollution. 2 The used packages shall not be left outside to prevent their re-use. 3 Packages shall be broken and buried away from habitation.

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 or shall be kept in separate almirah under lock and key depending upon the quantity and nature of the insecticide. 2. The rooms or premises meant for storing the insecticides shall be well built, dry, well-lit, ventilated and of sufficient dimensions to avoid contamination with vapours

Chemical Composition:

Lambdacyhalothrin a.i.	10.00 % w/w
oxylignin sodium salt	5.00 % w/w
Sodium lauryl sulphate	3.00 % w/w
Cresol formaldehyde condensation product	0.90 % w/w
Polyoxyethylene alkyl ether	1.40 % w/w
Silicon dioxide	19.00 % w/w
China Clay/Calcinated silica	QS %

Total: 100.000% w/w
