

CIR-191798/2021-Permethrin (EC) (429)-319

**Permethrin - 25% EC****( Insecticide )**

It is used for the control of pests of cotton.

**Recommendation**

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (liter)	Waiting Period between last spray to harvest (days)	Re-entry after each Application (In Hours)
		AI (gm)	Formulation (ml)			
Cotton	Bollworms	100-125	400-500	1000		

**Direction of Use**

Plant Protection Equipment:-Knapsack sprayer, foot sprayer, compression knapsack sprayer, compression knapsack battery sprayer and ASPEE-HTP power sprayer.

**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, allergies, sneezing, running nose, skin irritation, may occur.

**First Aid**

- 1.If swallowed, do not induce vomiting or give anything orally.
- 2.If clothing and skin is 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.

**Phytotoxicity**

The product is not phytotoxic when used as per field recommendation.

**Antidote**

No specific antidote is known. Treat symptomatically. Antihistamine may be given to the control allergies.

**Disposal Of Used Container**

1. Packages shall be broken and buried away from habitation.
2. The used packages shall not be left outside to prevent their reuse.
3. Packages or surplus materials and washings from the machines and containers should be disposed of in safe manner so as to prevent environmental water pollution

**Storage Conditions**

1. The packages containing the material shall be stored in separate rooms or premises away from the rooms of premises used for storing other articles particularly articles of food or shall be kept in separate almirahs under key and lock depending upon the quantity and nature of the material.
2. The rooms or premises meant for storing the material shall be well built. Dry well lit and ventilated and of sufficient dimension to avoid contaminated with vapour

**Chemical Composition:**

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Permethrin Tech. (Based on 92% purity of Technical		27.00 % w/w
Emulsifier	Sorbitan trioleates	10.00 % w/w
	Polyoxyethylene ether (20)	30.00 % w/w
	(mixture of medium chain alkyl	
Solvent	benzene	33.00 % w/w
	/naphthene/xylene)	
		<b>Total: 100.000 % w/w</b>

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