

CIR-191804/2021-Alphacypermethrin (SC) (429)-447

Alphacypermethrin 10% SC

(Insecticide)

Alphacypermethrin 10% SC is a high performance, residual insecticide that provides control of mosquitoes, houseflies and cockroaches for longer duration. It is suitable for use in domestic and institutional premises & public buildings. It is of low toxicity to humans and can be used in hospitals, kitchens restaurants and food processing and food storage areas.

Recommendation

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water</u>	<u>Waiting Period between last spray to harvest</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI</u>	<u>Formulation</u>			
-	Adult Mosquitoes	20 to 40 mg/m ²	10 to 20 ml/liter of water to cover 50 m ² area	-	-	
	Adult Houseflies, Cockroach	20 to 40 mg/m ²	10 to 20 ml/liter of water to cover 50 m ² area	-	-	

Direction of Use

It is suitable for the control of crawling and flying insects on domestic, public and industrial premises. It is suitable for use with most types of knapsack sprayers and other residual spray equipment commonly used to control public health pests. Application should be made at low pressure and with a nozzle that produces even-sized droplets. It should be thoroughly mixed with water to give the required concentration. Treated surface should be thoroughly sprayed to the point of minimal run-off. The applicator should ensure uniform coverage and pay particular attention to those areas where insects are most likely to come in contact with the insecticide.

Precaution

Store in a cool and dry place away from heat or open flame. Do not use empty container. Destroy it. Do not eat, drink or smoke while using.

Symptoms Of Poisoning

Over exposure may cause local irritation of the skin (burning sensation on the face and elsewhere) and irritation of the respiratory tract causing rhinorrhea, chest tightness of dyspnea.

First Aid

1. Skin Contact : Remove contaminated clothing and wash skin throughly with soap and water. Olive oil may be applied on affected area in case of severe irritation.
2. Ingestion: Do not induce vomiting or give anything by mouth. get medical attention.
3. Inhalation: Remove a person to fresh air. Not hazard under normal use condition.

4. Eye contact: Immediately flush eyes with plenty of water for at least 5 minutes. get medical attention if irritation occur.

Antidote

There is no specific antidote. Treat symptomatically.

Disposal Of Used Container

Packages or surplus materials and washings from the machines and containers shall be disposed off in a safe manner so as to prevent environmental or water pollution. Do not re-use empty containers. Packages should be broken and buried away from habitation.

Storage Conditions

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

Chemical Composition:

Alphacypermethrin a.i.	10.00 % w/w
Sodium salt of polymeric carboxylic acid	0.50 % w/w
Tetrabutyl ammonium bromide	0.02 % w/w
Xanthan gum	0.55 % w/w
1-2-propanediol	15.00 % w/w
Proprietary mix of 1,2 benzothiazolin -3one; Sodium hydroxide & di propylene glycol in aq. media	0.15 % w/w
Orthophosphoric acid	0.02 % w/w
Mixture of Mineral oils and Alkyl Aryl ether (non-ionic surfactants)	0.10 % w/w
Water	Q.S. % w/w

Total: 100.000 % w/w
