

CIR-181754/2021-Cartap Hydrochloride (SP) (428)-1328

**Cartap Hydrochloride 50% SP**

**(Insecticide)**

It is a soluble insecticide which contains 50% Cartap Hydrochloride active ingredient and balance adjuvants. Cartap hydrochloride 50% S.P. is an insecticide highly effective for the control of stem borer and leaf folder on rice. Cartap Hydrochloride has a quite different mode of action from that of other insecticides. It is effective against both chewing and sucking insects and controls at a low concentration. Cartap hydrochloride controls almost all stages of insects and the efficacy of Cartap hydrochloride is prolonged. It has no effect to natural enemies of insect pests and it is practically nontoxic to mammals

**Recommendation**

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water in water (liter)</u>	<u>Waiting Period between last spray to harvest days</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI (gm)</u>	<u>Formulation (kg)</u>			
Rice	Stem borer	500	1	500-1000	21	
	Leaf Folder	500	1	500-1000	21	

**Direction of Use**

P.P. Equipment:- Knapsack sprayer, foot 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**

Nausea, trembling of extremities of body, salivation, spasms, dyspnoea and mydriasis may occur.

**First Aid**

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

### **Phytotoxicity**

Cartap hydrochloride 50% SP is not phytotoxic to crop at recommended dosage

### **Antidote**

An intravenous injection of 100-200 mg of L-cysteine or an intramuscular injection of 20-60 mg of BAL (dimercaprol or 2,3 dimercapatoproponal) are recommended. Apply steroids against dermatitis.

### **Disposal Of Used Container**

1. Package surplus materials and washing from the machines and containers should be disposed of in a safe manner of sufficient prevention of environmental or water pollution.
2. The used package shall not be left outside to prevent their re-use
3. Package shall be broken and buried away from habitation

### **Storage Conditions**

1. The packages containing the insecticides shall be stored in a separate room or premises away from the rooms or premises used for storing other articles particularly food or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the insecticides

2. The room or premises meant for storing the insecticides shall be well built, dry, well lit, and

ventilated and of sufficient dimension to avoid contamination with vapour **Chemical Composition:**

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Cartap Hydro chloride Tech.	(Based on 98% w/w)	51.20 % w/w
Surfactant	(Alkyl phenol ethylene oxide)	0.70 % w/w
Stabilizer	(Isopropyl acid phosphate)	0.30 % w/w
Acid green dye		0.05 % w/w
Diluent	(4-O-B-D galactopyranosyl alpha-D glucopyranose/lactose)	47.75 % w/w

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**Total: 100.000% w/w**

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