

Antidotes for Disinfestation Pesticides

Disinfestation Specialists

Sl. No	Pesticide Group	Pesticide Name	Antidotes
1	Synthetic Pyrethroids	Deltamethrin, Cyfluthrin Beta Cyfluthrin, Lambda-Cyhalothrin, Cyphenothrin, Fipronil, Imidacloprid	1) Administration of activated charcoal followed by saline cathartic with Sodium Sulphate solution. 2) Control seizures with injectable Diazepam or Barbiturates 3) In case of ingestion of large amount perform gastric lavage.
2	Carbamates	Propoxur	1) Atropine therapy 2) Convulsions to be treated with Diazepam.
3	Organophosphates	Chorpyriphos, Fenthion,	1) Inject Atropine Sulphate intravenously in a dose of 2-4 mg after 5-10 minutes until atropinisation. 2) Convulsions and anxiety can be treated with 5-10 mg of Diazepam injected intramuscularly. 3) Morphine, Phenothiazine, Succinylchloride, Xanthene derivative, Epinephrine and barbiturates are contraindicated.
4	Anticoagulant	Bromadiolone	1) Remove ingested products by giving orally activated Charcoal and Saline Cathartic. 2) Vitamin K, Phytonadione 15-25 mg in mild cases. 3) In severe cases give Agnamephyton 5-10 mg.

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5	Fumigant	Methyl Bromide	<ol style="list-style-type: none"> 1) Administer artificial respiration / oxygen. 2) Administer Aminophylline 1 mg/kg body weight I.V. as a loading dose followed by 0.6 mg/kg per hour as maintenance regime.
6	Fumigant	Aluminium Phosphide Zinc Phosphide	<ol style="list-style-type: none"> 1) Gastric Lavage, Morphine for abdominal pain. 2) Administration of 100% oxygen for pulmonary edema. 3) High doses of Corticosteroids and blood transfusion for treatment of shock and hemorrhage.

IPECAC: Syrup of ipecac is an emetic substances used to induce vomiting in case of accidental poisoning.
It is derived rhizomes and roots of the Ipecacuanha plant.

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