

DY-FLY FILTER FLY CONCENTRATE

PRECAUTIONS IN USING - Unprotected humans should be kept away from the application areas during treatment. Keep out of reach of children and domestic animals. Decontaminate equipment and containers thoroughly with lye solution, then destroy using containers to prevent reuse. Do not store near food or feed products. Keep away from heat and open flame.

CAUTION: This product is toxic to fish and wildlife. Keep out of ponds, lakes, and streams where they are important resources.

For control of Psychodid Flies (Filter Flies) at sewage disposal plants . . . To be added to sewage flowing over filters or in flooded trickling filters . . . Contains Phosdrin, DDVP (Vapona), Sevin, and Dimethrin.

FILTER FLY CONTROL- GENERAL DIRECTIONS - DY-FLY FILTER FLY CONCENTRATE is water soluble and can be applied directly to the sewage flowing to trickling filters or to sewage held in filters which have been flooded to the rock surface for control of the Psychodid Fly, a pest occurring at the trickling filters of sewage disposal plant.

1. TREATING SEWAGE FLOWING DIRECTLY TO FILTERS. For the control of Psychodid Flies (Filter Flies) Larvae and pupae, by treating sewage flowing to trickling filters, add DY-FLY FILTER FLY CONCENTRATE at the rate of 1 gal. per 100 gal. of sewage flowing over the filters.

2. TREATING SEWAGE IN FLOODED TRICKLING FILTERS. For the control of Psychodid Flies (Filter Flies) larvae and pupae, by treating sewage in flooded trickling filters, close the gate from the filter to the secondary clarifier and raise the sewage level in the filter to the rock surface. DY-FLY FILTER FLY CONCENTRATE, at the rate of 1/7 of a gallon per 100 gal. of sewage is then added at a number of points around the sides of the filter. The arms of the filter are allowed to make several revolutions for distribution of the material. The contact period of DY-FLY FILTER FLY CONCENTRATE is governed by the extent of infestation; however, the time should never be shorter than 5 hours. At the end of the contact period, the filter can be returned to normal operations, by opening the gate from the filter to the secondary clarifier.

ACTIVE INGREDIENTS:

Alpha isomer of 2-carbomethoxy-1-methylvinyl dimethyl phosphate*	2.180%
Related compounds*	1.460%
2,2-dichlorovinyl dimethyl phosphate**	1.395%
Related compounds**	0.105%
Carbaryl (1-naphthyl methylcarbamate)***	1.200%
Dimethrin****	.200%
Petroleum Distillate	85.310%

INERT INGREDIENTS

Polyoxyethylene sorbitol esters of mixed fatty acids	8.000%
Epichlorohydrin	0.150%

- *Equivalent to 3.7% Phosdrin
- **Vapona Insecticide
- ***Sevin
- ****2,4-dimethylbenzyl 2,2-dichloro-3-(2-methylpropenyl) cyclopropanecarboxylate.

DANGER: Keep out of reach of Children

DANGER - POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTONS, PROGRESSIVELY INCREASE SUSCEPTIBILITY. RAPIDLY ABSORBED THROUGH SKIN.

Do not swallow or get in eyes, on skin ^{or} on clothing. Do not breathe the vapors. Wear clean natural rubber gloves, clean protective clothing, and goggles. Replace gloves frequently and destroy used gloves. Wear a mask or respirator of the type passed by the U.S. Dept. of Agriculture for Phosdrin insecticide protection. Wash immediately with soap and water after handling and before eating or smoking. If the material gets into the eyes, immediately flush with water for at least ten minutes and get medical attention. In cases of contact, remove all contaminated clothing and wash down with large amounts of water. Decontaminate areas and equipment by washing with strong lye solution. Then destroy used containers to prevent reuse.

Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to Cholinesterase inhibitor may, without warning, cause prolonged susceptibility to very small doses of any Cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed, as determined by blood test.

ANTIDOTE AND FIRST AID TREATMENT. Atropine is the emergency antidote. Consult your physician about obtaining an adequate supply of Atropine tablets for emergency use. Call a physician immediately in all cases of suspected poisoning . . . **INTERNAL:** If the material has been swallowed induce vomiting immediately. This may be done by introducing a finger into the throat or by giving warm salt water (a tablespoon of salt to a glass of water). . . . **EXTERNAL:** If the material has been spilled on the skin, immediately remove patient from the vicinity of the insecticide, remove all contaminated clothing and wash skin with soap and running water. If the material gets into the eyes, wash immediately with running water for at least ten minutes.

IF WARNING SYMPTOMS APPEAR: Administer two 1/100-grain Atropine tablets immediately. Never administer Atropine unless warning symptoms appear (See warning symptoms below). Keep patient prone and quiet. Start artificial respiration immediately if patient is not breathing. Transport the patient immediately to the nearest physician. . . . **Note TO PHYSICIAN:** **WARNING SYMPTOMS:** Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps. . . . **TREATMENT:** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine sulfate should be injected at 10-minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage.

Empty containers should be burned (keep out of smoke) or buried in non-crop areas. Spillage and spray waste should be absorbed with a mop, sponge, or absorbant rag that should be buried in non-crop areas or burned (keep out of smoke).

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