

95/97

ULTRAFOG ULV® INSECTICIDE

COMMERCIAL

CONTAINS BAYGON INSECTICIDE

WARNING POISON

GUARANTEE:
PROPOXUR120 g/L

REGISTRATION NUMBER 16483 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

KEMSAN INC.
P.O. BOX 727
OAKVILLE, ONTARIO L6J 5C1

UltraFog is a premium grade insecticide formulated for use in ULV (ultra-low-volume) fog generators and thermal foggers, or for aircraft application, for control of adult mosquitoes and blackflies in outdoor areas. It provides rapid knockdown and kill of these pests. It maintains its killing efficiency at low temperatures. UltraFog Insecticide is effective against non-resistant strains as well as strains that have become resistant to chlorinated hydrocarbon or phosphate insecticides.

GENERAL:

For best results apply as a thermal fog or ULV fog when the air is calm but with sufficient prevailing air currents to allow the fog to drift into the infested area. Allow the fog to drift into the areas to be treated, contacting as many insects as possible. Larger areas will be more easily covered if applications are made when the winds are light, and at right angles to the wind. Under these conditions, the fog will drift for approximately 90 m downwind. The best time to fog is in the early morning or late evening when rising air currents are at a minimum and prevailing

winds are light.

When using thermal or ULV fog generators, the equipment must be operated and maintained according to the manufacturer's instruction manual.

THERMAL FOG APPLICATION:

UltraFog Insecticide is used as a concentrate and is to be diluted with either No 1. stove oil or diesel oil. Use the specified dosage of concentrate in a sufficient volume of oil as is necessary to obtain uniform coverage.

Apply UltraFog with vehicle-mounted foggers at the rate of 1.4 to 2 litres of concentrate per km front. The volume of oil needed to dilute UltraFog will depend upon the emission rate (output) of the fogger and the speed at which it will travel. For example, if the emission rate of the fogger is 100 litres per hour, and the speed of travel is 10 km per hour, then the quantity of diluted material emitted per km travelled would be 10 litres (100 litres per hour divided by 10 km per hour). Therefore, the dosage of 1.4 to 2 litres of UltraFog should be diluted with oil to a total volume of 10 litres and applied along one km front.

ULV® FOG APPLICATION:

Use equipment designed specifically for ultra-low volume fogging, such as the LECO Models HD or MD. Apply UltraFog undiluted. Use the following flow rates and vehicle speeds

VEHICLE SPEED IN KM PER HOUR	FLOW RATE IN mL PER MINUTE
10	240-325
15	355-490

Consult your Kemsan representative for information and assistance on equipment calibration and operation.

AIRCRAFT APPLICATION:

Best results will be obtained if applications are made when winds are light. Apply 275 mL to 1.10 Litres per hectare of UltraFog Insecticide diluted with oil to a sufficient volume necessary to obtain uniform coverage. The higher rate of UltraFog may be required for control in dense vegetation.

AIRCRAFT APPLICATION (ULV): UltraFog can be applied undiluted from aircraft especially equipped with Ultra Low Volume dispersal

equipment such as the BEECOMIST. Apply 275 mL to 1.10 Litres per hectare of undiluted UltraFog as a ULV® spray.

NOTE:

Spray droplets should have a median size range from 5-20 microns with a mass median diameter (MMD) not to exceed 15 microns. Droplets 45 microns or larger may cause permanent damage to automobile paint finishes. The method of determining the range and mass median diameter of spray droplets will be provided by Kemsan Inc.

PRECAUTIONS:

Avoid contamination of animal feeding areas, such as pastures and other foraging areas. Do not apply to animals or humans. Toxic to bees. Do not treat plants directly. Propoxur formulation may damage plants.

WARNING:

May be harmful if swallowed. Keep out of reach of children. Avoid inhalation or skin contact. Wash thoroughly after using. Do not contaminate feed or food. Do not re-use empty container. Perforate container and bury or discard in a safe place.

FIRST AID:

In case of poisoning call a physician immediately. IF swallowed, induce vomiting. Administer milk or water freely and again induce vomiting until vomit fluid is clear. If on skin remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash immediately with flowing water for at least 15 minutes.

TOXICOLOGICAL INFORMATION:

The compound inhibits cholinesterase resulting in stimulation of the central nervous system. The results in a sense of "tightness" in the chest, sweating, contracted pupils, stomach pains, vomiting and diarrhea. The antidote is atropine sulphate administered in large therapeutic doses repeated as necessary to the point of tolerance. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence

under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Code 8015

Lot:

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