

[19760-1]

# CARDINAL MOSQUITO ADULTICIDE ULV FORMULA NO.1

Active Ingredients:

Pyrethrins	5%
Piperonyl Butoxide, Technical*	25%
Mineral Oil	70%
Total: 100%	

\*Equivalent to 20% (Butylcarbityl) (6-propylpiperonyl) Ether and 5% related compounds.

### CAUTION!

#### KEEP OUT OF REACH OF CHILDREN.

This product is toxic to fish, wildlife and birds. Do not contaminate water by cleaning of equipment or disposal of wastes. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.

Harmful if swallowed. Remove spillage from skin and clothing with warm water and soap. Mix Cardinal Mosquito Adulticide ULV Formula No. 1 well in drum before use. Keep container closed when not in use. Store in cool, dry place.

Do not re-use empty drum. Return to drum re-conditioner or destroy by perforating or crushing, and burying in a safe place.

Use in cold aerosol generators which produce a fog with particle size running between 5 to 50 micron range.

E.P.A. Reg. No. 19760-1

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This Concentrate can be used in mosquito adulticiding programs in residential and recreational areas, swamps, marshes, roadsides and pastures, or wherever adult mosquitoes are present in large numbers. Best results are obtained when there is a slight breeze, less than 5 m.p.h. Fog with breeze. Repeat applications as needed.

For Truck Mounted LECO Machine (or similar machines): Objective is to treat terrain with .002 to .0025 lbs. of Pyrethrins and .010 to .0125 lbs. of Piperonyl Butoxide per acre. Do not dilute this Concentrate. Fog this concentrate with a discharge rate of 2 to 2.25 fl. oz. per min. while machine is moving 5 m.p.h. and pressure is set at 3 lbs./sq. in. Discharge nozzle is positioned approx. 30° above horizontal off side of truck bed. Delivery rate and traveling speed can be varied slightly, so long as the basic objective of .002 to .0025 lbs. actual Pyrethrins per acre is maintained. Use swath width of 300 ft. for acreage calculations.

For HUDSON Back Pack No. 4712 (or similar machines): Strive for same poundage of Pyrethrins and Piperonyl Butoxide per acre as with LECO. Dilute this Concentrate 1 part, plus 17 parts oil (wt.), to give a solution containing .67% Pyrethrins, plus 3.35% Piperonyl Butoxide. Fog this solution at the rate of 7 fl. oz. per acre, based on a 50-ft. killing swath. The HUDSON Back Pack is carried on the back of the individual treating the area. The individual should walk forward approx. 870 ft. during discharge of the 7 ft. oz. This is roughly at a pace of 2 m.p.h.

**ACCEPTED**

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UNITED STATES DEPARTMENT OF AGRICULTURE  
 FUNGICIDE, INSECTICIDE AND  
 PLANT GROWTH REGULATORS REGISTER  
 DIVISION OF PLANT INDUSTRY  
 WASHINGTON, D.C. 20250

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