

1021-1185

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PYROCIDE® MOSQUITO ADULTICIDING
CONCENTRATE for ULV FOGGING

1715 S.E. Fifth Street / Minneapolis, Minnesota

ACTIVE INGREDIENTS:	100%	
Pyrethrins		12%
*Piperonyl butoxide, technical		60%
Mineral Oil		28%
*Consists of 48% (butylcarbityl)(6-propylpiperonyl) ether and 12% other related compounds.		

ACCEPTED

AUG 23 1972

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
UNDER NO. 1021-1185 SUBJECT
TO ATTACHED COMMENTS.

DIRECTIONS FOR USE

General: This CONCENTRATE is designed for dilution with light mineral oil for use in cold aerosol generators which produce a fog in which the big majority of particles are in the 5 to 50 micron range. Diluting oil should have a specific gravity of approx. 0.834 at 60°F and an initial boiling point of 503°F, and end point of 837°F to give optimum particle size. An N.F. grade oil is preferred. Successful applications have been made with: LECO ULV Cold Aerosol Generator, Model HD HD Hudson #4712 Back Pack

This CONCENTRATE may be used in mosquito adulticiding programs involving residential and recreational areas, swamps, marshes, overgrown waste areas, roadsides and pastures where adult mosquitoes are present in annoying numbers.

Best results are obtained by application when there is a slight breeze - 5 miles per hour or less. Fog with the breeze so that wind will carry fog from roads or paths into the area to be treated. Repeat applications as needed to obtain desired reduction in adult mosquito population.

The dosage levels recommended below are effective on most mosquito species, however for adequate control of some species, i.e. Aedes taeniorhynchus in Florida, up to .008 pounds pyrethrins may be necessary.

For Truck Mounted LECO Machine: Objective is to treat terrain with .002 to .0025 pounds of pyrethrins and .010 and .0125 pounds of piperonyl butoxide per acre. Dilute 1 part of PYROCIDE CONCENTRATE with 1.4 parts (wt.) of oil to give a solution containing 5% pyrethrins plus 25% piperonyl butoxide. Fog this solution with a discharge rate of 2 to 2.25 fluid ounces per minute 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 pounds actual pyrethrins per acre is maintained. Use swath width of 300 ft. for acreage calculations.

For HUDSON Back Pack: Strive for same poundage of pyrethrins and piperonyl butoxide per acre as with LECO. Dilute PYROCIDE 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 fluid ounces per acre, based on a 50-foot killing swath. The Hudson Back Pack is carried on the back of the individual treating the area. The individual should walk forward approx. 870 feet during discharge of the 7 fluid ounces. This is roughly at the pace of 2 miles per hour.

CAUTION

KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Remove spillage from skin and clothing with warm water and soap.

Note: PYROCIDE CONCENTRATE and dilute sprays from it are toxic to fish. Do not contaminate any body of water with spillage or cleaning solutions containing this concentrate. Do not overdose any swamp area or any area bordering streams or lakes.

Drums may be re-used after thorough cleaning.

Always use clean equipment for diluting PYROCIDE CONCENTRATE so as not to contaminate environment. Be sure spraying equipment is thoroughly clean before use.

Mix CONCENTRATE well in drum before use. Keep container closed when not in use. Store in a cool, dry place.

NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. This warranty is in lieu of all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose.

Manufactured by

MC LAUGHLIN GORMLEY KING COMPANY

MINNEAPOLIS, MINN., U.S.A. 55414

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