FYFANON® ULV MOSQUITO INSECTICIDE

ULTRA LOW VOLUME CONCENTRATE INSECTICIDE

FOR USE ONLY BY FEDERAL, STATE, TRIBAL, OR LOCAL GOVERNMENT OFFICIALS RESPONSIBLE FOR PUBLIC HEALTH OR VECTOR CONTROL, OR BY PERSONS CERTIFIED IN THE APPROPRIATE CATEGORY OR OTHERWISE AUTHORIZED BY THE STATE OR TRIBAL LEAD PESTICIDE REGULATORY AGENCY TO PERFORM ADULT MOSQUITO CONTROL APPLICATIONS, OR BY PERSONS UNDER THEIR DIRECT SUPERVISION.

ACTIVE INGREDIENT:

*Malathion ................................................................. 96.5%

INERT INGREDIENTS: ................................................ 3.5%

* 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate

Contains 9.9 lbs. malathion per gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

IN CASE OF A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL TOLL FREE, DAY OR NIGHT 1-866-303-6950

FIRST AID

This product is an organophosphate and is a cholinesterase inhibitor.

IF SWALLOWED:

• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

IF INHALED:

• Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
• Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING:

• Take off contaminated clothing.
• Rinse skin with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

IF IN EYES:

• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-303-6950 for emergency medical treatment information.

NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. Treat symptomatically. Atropine is antidotal.

EPA Reg. No. 67760-34

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P.O. Box 110566
Research Triangle Park, NC 27709
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CHEMINOVAN HELPING YOU GROW

PROOF

THIS PROOF IS TO BE CHECKED FOR ACCURACY

Please review and approve Your, Spelling, Copy Placement, Size, Shape, Colors, Underside, and Diffuse. Authorized signature accepts responsibility for accuracy of all copy, color and artwork. Cheminova Label is not liable for any discrepancies subsequently identified.

PLEASE NOTE: Due to color variance between printers and monitors, the colors represented by this proof cannot be deemed accurate. Please refer to a color matching system such as the Pantone Matching System for a true representation of actual colors. This proof is not accurate for color matching.

WE CANNOT PROCESS THIS ORDER WITHOUT AN AUTHORIZED SIGNATURE

ARTWORK IS APPROVED

REVISED PROOF NEEDED

Proof Date: June 20, 2011

Customer: CHEMINOVAN

Job Number: 34651

Leaflet Flat Size: 11.0" x 17.0"

Leaflet Folded Size: 11.0" x 8.5"

Leaflet "IN" Color: BLACK

Leaflet "OUT" Color: BLACK PMS 2007-03

Cimarron

4601 North Westminster Avenue, Suite 200, Tempe, Arizona 85281
Phone: (855) 576-5481 Fax: (855) 576-5483

Proof Date: June 20, 2011

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Cimarron
**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful by swallowing, inhalation or skin contact. Avoid contact with skin. Avoid breathing spray mist.

**PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, and viton. If you want more options, follow the instructions for category F on an EPA chemical-resistance category selection chart.

For all formulations and use patterns – mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves
- Shoes plus socks

Follow manufacturer’s instructions for cleaning and maintaining PPE. If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS STATEMENTS**

Pilots must use an enclosed cockpit in a manner that is consistent with the Werner Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(4)-(6)). Pilots must wear the PPE required on this labeling for applications.

**USER SAFETY RECOMMENDATIONS**

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic organisms, including fish and invertebrates. Use care when applying it to or in an area which is adjacent to any body of water, and do not apply when weather conditions favor drift from target area. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that cannot be avoided, offer remaining disposal of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or reinculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinseate collection system. Repeat this rinsing procedure two more times.

Nonrefillable containers (equal to or less than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Nonrefillable containers (greater than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For use by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.
**MOSQUITO CONTROL IN POPULATED AND RURAL AREAS**

**PRECAUTIONS AND RESTRICTIONS**
Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

**RESTRICTIONS**
- Do not apply more than 0.23 lb/a/A-day.
- Only treat when mosquitoes are swarming or biting. Do not re-treat a site more than 3 times in any one week. However, more frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease-causing agents in vector mosquitoes or the occurrence of mosquito-borne diseases in animal or human populations, or if specifically approved by the state or tribe during a natural disaster effort.
- Apply when wind speed is greater than or equal to 1 mph.
- Do not apply by fixed wing aircraft at height less than 100 feet, or by helicopter at a height less than 75 feet unless specifically approved by the state or tribe based on public health needs.

**PRECAUTIONS**
- IMPORTANT: In AREAS WHERE AUTOMOBILES, TRAILERS, TRUCKS AND PLEASURE BOATS ARE PRESENT, undiluted spray droplets of Fyfanon ULV Mosquito will permanently damage vehicle paint finishes unless the aircraft used for the ultra low volume application meets all of the specifications listed under AERIAL APPLICATION.

**AERIAL APPLICATION**

**Application Rates Fluid Ounces per Minute at Vehicle Speeds**

<table>
<thead>
<tr>
<th>Speed</th>
<th>Fluid Ounces of Fyfanon</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 mph</td>
<td>4.0 - 8.6</td>
</tr>
<tr>
<td>15 mph</td>
<td>0.38 - 0.75</td>
</tr>
<tr>
<td>10 mph</td>
<td>1.0 - 2.1</td>
</tr>
<tr>
<td>5 mph</td>
<td>3.0 - 6.3</td>
</tr>
</tbody>
</table>

**GROUNDBASED APPLICATION**

**Spray Equipment**
Spray equipment must be adjusted so that the volume median diameter is less than 50 microns (Dv 0.9 < 50 um). Directions from the equipment manufacturer or vendor, pesticide registraant or test facility using laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

**Thermal Aerosols or Fogs**
For control of adult mosquitoes with thermal aerosols or fogs, apply Fyfanon ULV Mosquito at the rate of 3.9 - 5.2 gallons Fyfanon ULV Mosquito in 100 gallons of finished solution by ground equipment delivering 40 gallons per hour at a vehicle speed of 5 miles per hour to treat a swath width of 300 feet (equivalent to 180 acres per hour). At 3.9 gallons Fyfanon per 100 gallons of finished solution this is equivalent to 0.11 lb active per acre. At 5.2 gallons per 100 gallons of finished solution, this is equivalent to 0.11 lb active per acre.

**Nonthermal Aerosols**
Control of adult mosquitoes over a 300-foot swath can be obtained with nonthermal aerosols of Fyfanon ULV Mosquito using the following rates at the indicated vehicle speeds:

<table>
<thead>
<tr>
<th>Rate Lbs.AI./Acre/Day</th>
<th>Application Rates Fluid Ounces per Minute at Vehicle Speeds</th>
<th>Fluid Ounces of Fyfanon ULV Mosquito per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undiluted</td>
<td>Application Rates Fluid Ounces per Minute at Vehicle Speeds</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mph</td>
<td>10 mph</td>
</tr>
<tr>
<td>0.03 – 0.06*</td>
<td>1.0 – 2.1</td>
<td>2.0 – 4.3</td>
</tr>
</tbody>
</table>

*Use higher rate of application when vegetation is dense and/or mosquito populations are heavy.

**OPERATING EQUIPMENT**
Each nonthermal aerosol generator used for dispersal of Fyfanon ULV Mosquito to control adult mosquitoes must have minimum capability of producing the droplet spectrum described under GROUNDBASED APPLICATION. The initial determination of droplet size is made after the unit is installed in a vehicle and prior to its use in mosquito control operations. Recheck the unit frequently to insure that proper droplet size is maintained for each operation. Determination of droplet size every two months is usually sufficient if the unit has been maintained in good operating condition. Equipment manufacturer’s instructions setting forth cleaning and maintenance of the unit must be followed. The unit must be inspected before each operation to correct any leaks or obstructions in the spray system; to detect whether the nozzle, hoses, or other parts are worn and need replacement; to insure that the flow meter is properly calibrated and to determine that the pressure recommended by the manufacturer is being maintained.

**Flow Rate**
- Must be regulated by accurate flow meter
- Not greater than 1 gallon per hour at 5 mph; 2 gallons per hour at 10 mph; 3 gallons per hour at 15 mph, or 4 gallons per hour at 20 mph

**Nozzle Direction**
- Rear of the vehicle
- Uphard at an angle of 45° or more

**Vehicle Speed**
- Not greater than 20 mph
- Shut off spray equipment when vehicle is stopped

**IMPORTANT:** Spray droplets of undiluted Fyfanon ULV Mosquito will permanently damage automobile paint unless all the conditions described and recommended in this label are met. If accidental exposure does occur, the vehicle should be washed at once.
WARRANTY DISCLAIMER

Cheminova warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CHEMINOVA MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Cheminova or the Seller. All such risks shall be assumed by Buyer and User. Buyer and User agree to hold Cheminova and the Seller harmless for any claims related to such factors.

LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Cheminova’s election:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent consistent with applicable law, Cheminova shall not be liable for consequential, incidental, or special damages or losses in any matter.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Cheminova or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.