ULV MOSQUITO SPRAY 4+4

For use only by Federal, State, Tribal, or local governmental 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.

A Quick Knockdown, Low Odor, Non-Corrosive, Synergized, Synthetic Pyrethroid for the control of Adult Mosquitoes in Residential, Recreational, and Non-crop waste Areas. Also for use against Biting and Non-Biting Midges, and Black flies. Do not spray on or allow drift onto cropland, (other than those crops listed), or potable water supplies.

ACTIVE INGREDIENTS
Permethrin; [CAS 52645-53-1] ..............................................................................4.0%
Piperonyl Butoxide Technical; [CAS 51-03-5] ..........................................................4.0%
OTHER INGREDIENTS:* ..................................................................................92.0%
TOTAL 100.0%

MARC ULV Mosquito Spray 4+4 contains 0.2892 per gallon. A.I. Permethrin plus 0.2892 lbs. A.I. Piperonyl Butoxide per gallon. *Contains a Petroleum Distillate Solvent.

KEEP OUT OF REACH OF CHILDREN

CAUTION

“PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.” (If you do not understand the label, find someone to explain it to you in detail).

FIRST AID

IF SWALLOWED - Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give any thing by mouth to an unconscious person.

IF ON SKIN OR CLOTHING - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 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 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a Poison Control Center or doctor for treatment advice.

NOTE TO PHYSICIAN - Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

HOT LINE NUMBER - Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice.

READ ENTIRE LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Contains petroleum distillate. Harmful if swallowed, or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or the toilet. Prolonged or repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms including fish and aquatic invertebrates. Runoff from treated areas or deposition to bodies of water may be hazardous to fish and other aquatic organisms. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present and weather conditions will facilitate movement of applied material away from water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or wash waters.

BEE WARNING: This product is toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply to or allow drift onto blooming crops or weeds when bees are visiting the treatment area, except when applications are 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 disease in animal or human populations, or if specifically approved by the State or Tribe during a natural disaster recovery effort.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Before making the first application of the 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.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. PESTICIDE STORAGE: Store product in its original labeled container in a cool, dry, locked place designated for such insecticides and out of reach of children. Do not expose to extreme temperatures. In case of spillage, soak up with absorbent material such as sand, dirt, or sawdust; sweep up and place in a labeled container and dispose of as follows: PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility. CONTAINER DISPOSAL: Nonrefillable. 2%, 5%, 30%, 55 gallon container. Do not reuse or refill this container. Offer for recycling or reconditioning if applicable; otherwise authorize recycling or disposal as waste. (Metal) *Triple rinse or equivalent with diluent specified on the label. (Plastic) *Triple rinse or equivalent with diluent specified on the label. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and local authorities, by burning, if burned, stay out of smoke. (Plastic) *Triple rinse or equivalent with diluent specified on the label 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. 08-08-08.
**RATES CHART NO. 1 - FOR USE OF MARC ULV Mosquito Spray 4+4 UNDILUTED for Mosquito Control**

<table>
<thead>
<tr>
<th>Per Acre</th>
<th>Fluid Ounces Per Minute at Vehicle speeds</th>
<th>Fluid Ounces (and) Milliliters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permether</td>
<td>PBO</td>
<td>5 mph</td>
</tr>
<tr>
<td>0.0070</td>
<td>0.0070</td>
<td>9.2933</td>
</tr>
<tr>
<td>0.0035</td>
<td>0.0035</td>
<td>4.6644</td>
</tr>
<tr>
<td>0.0010</td>
<td>0.0010</td>
<td>1.3275</td>
</tr>
</tbody>
</table>

**RATES CHART NO. 2 - DILUTE 1 PART TO 1 PART MINERAL OIL**

<table>
<thead>
<tr>
<th>Per Acre</th>
<th>Fluid Ounces Per Minute at Vehicle speeds</th>
<th>Fluid Ounces (and) Milliliters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permether</td>
<td>PBO</td>
<td>5 mph</td>
</tr>
<tr>
<td>0.0070</td>
<td>0.0070</td>
<td>18.5893</td>
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<tr>
<td>0.0035</td>
<td>0.0035</td>
<td>9.2946</td>
</tr>
<tr>
<td>0.0010</td>
<td>0.0010</td>
<td>3.6556</td>
</tr>
</tbody>
</table>

APPLY WHEN TEMPERATURES ARE ABOVE 50°F AND WIND SPEED IS EQUAL TO, OR GREATER THAN 1 MPH. FOR PROPER GROUND APPLICATIONS, THE NOZZLE ANGLE OF THE SPRAY EQUIPMENT SHOULD BE ADJUSTED SO THAT 95 TO 100% OF THE SPRAY IS APPLIED TO THE TREATED AREA. IF USE IS MADE OF A NOZZLE WHICH APPLICATION RATE IS GREATER THAN 10 MPH, USE AN ADJUSTABLE NOZZLE WHICH CAN BE SET AT 3 TO 5 MPH. WHEN APPLYING THIS PRODUCT AS AN ULTRA LOW VOLUME (U.L.V.) THERMAL OR NON-THERMAL AEROSOL, THE VOLUME MEDIAN DIAMETER SHOULD NOT BE GREATER THAN 30 MICRONS (Dv 0.5 < 30 MICRONS), AND THAT 90% OF THE SPRAY IS CONTAINED IN DROPLETS SMALLER THAN 50 MICRONS (Dv 0.9 < 50 MICRONS). DIRECTIONS FROM THE EQUIPMENT MANUFACTURER OR VENDOR PESTICIDE REGISTRANT OR A TEST FACILITY USING A LASER-BASED MEASUREMENT INSTRUMENT MUST BE USED TO ADJUST THE EQUIPMENT TO PROVIDE ACCEPTABLE DROPLET SIZE RESULTS. APPLICATOR EQUIPMENT MUST BE TESTED AT LEAST ANNUALLY TO CONFIRM THAT THE NOZZLE AND NOZZLE FLOW RATE(S) ARE PROPERLY CALIBRATED FOR USE WITH HAND CARRIED AND/OR LAWN MOWER THERMAL FOGGERS. FOR AERIAL APPLICATION REFER TO THE AERIAL APPLICATION SECTION ON THIS LABEL.

**MARC ULV MOSQUITO SPRAY 4+4**

May be applied over specific growing crops and range grasses prior to harvest for the control of adult mosquitoes and biting midges within or adjacent to these areas. Application can only be made where the following crops are present:

- Alfalfa, Almond, Apple, Blackberry, Blueberry, Black Cherry, Bluegrass, Broccoli, Cabbage, Cauliflower, Celery, Cactus, Cherry, Cherries, Chinese Anemone, Chinese Cabbage, Corn (Field), and Crops, Poppy, Spinach, Purslane, and Sweet Potatoes.

**MAY BE APPLIED OVER THE FOLLOWING CROPS**

The Concentration of Marc Ulv Mosquito Spray 4+4 may be applied over specific growing crops and range grasses prior to harvest for the control of adult mosquitoes and biting midges within or adjacent to these areas. Application can only be made where the following crops are present:

- Alfalfa, Almond, Apple, Broccoli, Cabbage, Cauliflower, Celery, Cactus, Cherry, Chinese Anemone, Chinese Cabbage, Corn (Field), Crops, Poppy, Spinach, Purslane, and Sweet Potatoes.

**URBAN ULV MOSQUITO APPLICATIONS**

For control of resting or flying adult mosquitoes, biting flies and biting midges in applications sites of Residential, Municipal and Recreational areas such as utility tunnels, sewers, storm drains and catch basins, pipe chases, underground basements, underground parking garages, and any enclosed or partially enclosed underground buildings. This product may be applied using mechanical foggers, handheld or truck mounted ULV equipment suitable for these applications. Apply at rates up to, but not exceeding 0.007 lbs. active ingredient per permitter per acre. See Rate(s).

**WARRANTY NOTICE: READ ENTIRE LABEL BEFORE USING**

Read the entire Directions for Use, Conditions for Warranty and Limitations of Liability, Warranties, and Limitations of Liability, Disclaimers, and Conditions of Use, Conditions for Warranty and Limitations of Liability before using this product. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability, Warranties, and Limitations of Liability, Disclaimers, and Conditions of Use, Conditions for Warranty and Limitations of Liability. While the use of this product is believed fully to meet the laws of the land, the manufacturer or vendor assumes no responsibility for such use. However, it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness or any unintended consequences may result because of such factors as weather conditions, presence of their materials, or the manner of use of application, all of which are beyond the control of the manufacturer, vendor or user. The user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product.

**DISCLAIMER OF WARRANTIES:** There are no warranties expressed or implied, of merchantability or fitness for a particular purpose or otherwise, which extend beyond the statements made on this label. No agent of supplier is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Supplier disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product.

**LIMITATION OF WAIVER:** No agent of supplier is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Supplier disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price payable for the product.