A water-based formulation.

**ACTIVE INGREDIENTS:**
- Sumithrin™: 3-Phenyloxyenzy-(1RS, 3RS, 1RS, 3SR)-2,2-dimethyl-3-(2-methylprop-1-eriy) Cyclopropanecarboxylate .......................... 10.00%
- Piperonyl Butoxide, Technical* ........................................... 10.00%

**OTHER INGREDIENTS** .......................................................... 80.00%

*Equivalent to 8.00% (butylcarbityl) (6-propylpiperonyl) ether and 2.00% related compounds.
Contains 0.847 pounds of Technical SUMITHRIN™ per Gallon and 0.847 pounds Technical Piperonyl Butoxide/Gallon.

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**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 explicado ampliamente.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic organisms, including fish and aquatic invertebrates. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates. 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 the water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

**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 diseases in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

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**Manufactured for:**

**CLARKE MOSQUITO CONTROL PRODUCTS, INC.**

159 North Garden Avenue, Roselle, IL 60172, U.S.A.

**NET CONTENTS:** [ ] 2.5 Gallon / [ ] 5 Gallon

**LOT NO.:**

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PEEL BACK BOOK HERE AND RESEAL AFTER OPENING
### FIRST AID

- 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. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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.

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.

In CALIFORNIA: This product is to be applied by County Health Department, State Department of Health Services, Mosquito and Vector Control or Mosquito Abatement District personnel only.

Wear long-sleeved shirt and long pants, socks and shoes. AquaANVIL™ cannot be mixed with oil. Use only clean water.

**SHAKE OR AGITATE THOROUGHLY BEFORE DILUTING. Diluted product must be thoroughly agitated before use. Avoid storing excess formulation in equipment.**

**USE AREAS:** For use in mosquito adulticiding programs involving outdoor residential and recreational areas where adult mosquitoes are present in annoying numbers, and in vegetation surrounding parks, woodlands, swamps, marshes, overgrown areas and golf courses. For best results, apply when mosquitoes are most active and meteorological conditions are conducive to keeping the spray cloud close to the ground. Application in calm air conditions is to be avoided. Apply only when ground wind speed is less than 1 mph. Air temperature should be greater than 65°F when conducting all types of applications.

AquaANVIL™ may be applied over agricultural areas prior to harvest for the control of adult mosquitoes within or adjacent to these areas. Do not treat a site with more than 0.0036 pounds of sumithrin per acre in a twenty-four hour period. Do not exceed 1.0 pounds of sumithrin per acre in any site in any year. More frequent applications may be made to prevent or control a threat to public and/or animal health determined by a state, tribal, local 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.

**SPRAY DROPLET SIZE DETERMINATION:**

- Ground-based Application: Spray equipment must be adjusted so that the volume median diameter (VMD) is 8 to 30 microns (8 ≤ Dv 0.5 ≤ 30 μm) and that 90% of the spray is contained in droplets smaller than 50 microns (Dv 0.9 ≤ 50 μm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least weekly to confirm that pressure at the nozzle and nozzle flow rates are properly calibrated.

- Aerial Application: Spray equipment must be adjusted so that the volume median diameter produced is less than 60 microns (Dv 0.5 ≤ 60 μm) and that 90% of the spray is contained in droplets smaller than 115 microns (Dv 0.9 ≤ 115 μm). The effects of flight speed and, for nonrotary nozzles, nozzle angle on the droplet size spectrum must also be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and 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 rates are properly calibrated.

**GROUND U.V. APPLICATION:** Apply AquaANVIL undiluted at a flow rate of 1.1 to 3.3 fluid ounces per minute at an average vehicle speed of 10 mph using a swath width of 300 feet for acreage calculations (see chart below). Under normal residential conditions a flow rate of 2.2 fluid ounces per minute is recommended. If a different vehicle speed is used, adjust rate accordingly. These rates are equivalent to 0.0012 to 0.0036 pounds of sumithrin and pyrethrin butoxide per acre. Very flow rate according to vegetation density and mosquito population. Use high flow rate in heavy vegetation or when populations are high. For propeller application, mount the applicator so the nozzle is at least 4-1/2 feet above ground level and directed out the back of the vehicle. Failure to follow the above directions may result in reduced effectiveness.

AquaANVIL™ may also be mixed with water and applied as not to exceed the maximum pounds of active ingredient per acre as shown in the chart below. If an alternative dilution rate is used, adjust the flow rate accordingly, provided the droplet size and spectrum remains within label specifications.

Rates to use AquaANVIL Undiluted for Mosquito Control:

<table>
<thead>
<tr>
<th>Pounds a.i./Acre</th>
<th>Sumithrin™</th>
<th>PBD</th>
<th>Flow rates in fluid oz./minute at truck speeds of:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 MPH</td>
</tr>
<tr>
<td>0.0036</td>
<td>0.0036</td>
<td>0.54</td>
<td>1.6</td>
</tr>
<tr>
<td>0.0024</td>
<td>0.0024</td>
<td>0.36</td>
<td>1.1</td>
</tr>
<tr>
<td>0.0012</td>
<td>0.0012</td>
<td>0.18</td>
<td>0.5</td>
</tr>
</tbody>
</table>

Rates to use diluted (1 to 1 dilution ratio) AquaANVIL™

<table>
<thead>
<tr>
<th>Pounds a.i./Acre</th>
<th>Sumithrin™</th>
<th>PBD</th>
<th>Finished Spray</th>
<th>Flow rates in fluid oz./minute at truck speeds of:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5 MPH</td>
</tr>
<tr>
<td>0.0036</td>
<td>0.0036</td>
<td>1.09</td>
<td>3.3</td>
<td>6.6</td>
</tr>
<tr>
<td>0.0024</td>
<td>0.0024</td>
<td>0.73</td>
<td>2.2</td>
<td>4.4</td>
</tr>
<tr>
<td>0.0012</td>
<td>0.0012</td>
<td>0.36</td>
<td>1.1</td>
<td>2.2</td>
</tr>
</tbody>
</table>

Rates to use diluted (1 to 2 dilution ratio) AquaANVIL™ for Mosquito Control:

<table>
<thead>
<tr>
<th>Pounds a.i./Acre</th>
<th>Sumithrin™</th>
<th>PBD</th>
<th>Finished Spray</th>
<th>Flow rates in fluid oz./minute at truck speeds of:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5 MPH</td>
</tr>
<tr>
<td>0.0036</td>
<td>0.0036</td>
<td>1.63</td>
<td>4.9</td>
<td>9.9</td>
</tr>
<tr>
<td>0.0024</td>
<td>0.0024</td>
<td>1.09</td>
<td>3.3</td>
<td>6.6</td>
</tr>
<tr>
<td>0.0012</td>
<td>0.0012</td>
<td>0.54</td>
<td>1.6</td>
<td>3.3</td>
</tr>
</tbody>
</table>

AquaANVIL™ may also be applied undiluted with non-thermal, portable, motorized backpack equipment adjusted to deliver UV particles of 50 to 100 microns VMD. Use 0.18 to 0.54 fl. oz. of the undiluted spray per acre (equal to 0.0012 to 0.0036 lb a.i./acre) as a 50 ft. (15 m) swath while walking at a speed of 2 mph (3.2 km/h).

AquaANVIL™ may be applied for Urban U.V. mosquito control. For control of resting or flying adult mosquitoes, biting flies and biting midges in areas such as utility tunnels, sewers, storm drains and catch basins, pipe chases, underground basements, underground passages, parking decks, crawl spaces, or uninhabited buildings. AquaANVIL™ may be applied using mechanical foggers, hand-held or truck mounted UV equipment, non-thermal foggers or other spray equipment suitable for this application. Apply AquaANVIL™ at rates up to but not exceeding 0.0036 pounds sumithrin per acre per twenty-four hour period (not to exceed 1.9 pounds sumithrin per acre in any site in any year).
AERIAL APPLICATION: AquaAnvil may be applied at rates of 0.18 to 0.54 fluid ounces per acre by fixed wing or rotary aircraft equipped with suitable ULV application equipment. AquaAnvil may also be diluted with water and applied by aerial ULV equipment so long as 0.54 fluid ounces per acre of AquaAnvil is not exceeded. Application shall be made at 75 feet to 300 feet for rotary aircraft and 100 to 300 feet for fixed-wing aircraft.

Reference the dilution charts on this label. If an alternative dilution rate is used, adjust the flow rate accordingly, provided the droplet size and spectrum remains within label specifications.

IN FLORIDA: Do not apply by aircraft unless approved by the Florida Department of Agriculture and Consumer Services.

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**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place. Keep container closed.

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. 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 rinse into application equipment or rinse tank or store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available, or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

For more information call: 1-888-323-5727

**NOTICE:** Seller makes no warranty, expressed or implied concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use and/or handling of this material when use and/or handling is contrary to label instructions.

**SUMITHRIN** – Trademark of Sumitomo Company Ltd.

**AquaAnvil** – Trademark of Clarke Mosquito Control Products, Inc.

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Manufactured for:

**CLARKE MOSQUITO CONTROL PRODUCTS, INC.**
159 North Garden Avenue, Roselle, IL 60172

**EPA Reg. No.: 1021-1807-8529**
**EPA Est. No.: 1021-MN-2**
**AL0161J**

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