Riptide® Waterbased Pyrethrin ULV is an optimized formulation, specially designed to deliver fast knockdown and kill of mosquitoes when used in residential misting systems.

- Riptide is ideal for Mosquito Misting Systems
- Riptide has a 1:5 ratio of pyrethrum and synergist
- Riptide’s polymeric water-based technology is easy on landscape plants
- Riptide is designed for stability in misting systems
- Riptide is economical and convenient
- Kills mosquitoes that may transmit West Nile virus and Chikungunya virus
- Kills mosquitoes, including the Aedes mosquito that may carry and transmit Zika virus

### Product Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Signal Word</strong></td>
<td>Caution</td>
</tr>
<tr>
<td><strong>Packaging</strong></td>
<td>64 oz. bottles (4 per case)</td>
</tr>
<tr>
<td><strong>EPA Registration Number</strong></td>
<td>1021-1785</td>
</tr>
<tr>
<td><strong>Food Handling</strong></td>
<td>For use in food and non-food areas</td>
</tr>
<tr>
<td><strong>Stability of Undiluted Product</strong></td>
<td>Stable</td>
</tr>
<tr>
<td><strong>Stability of Diluted Product</strong></td>
<td>Stable in solution</td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Milky, white liquid</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Slightly sweet odor</td>
</tr>
<tr>
<td><strong>Active Ingredients</strong></td>
<td>Pyrethrins and PBO</td>
</tr>
<tr>
<td><strong>Flammability</strong></td>
<td>Not classified as a combustible or flammable liquid by OSHA</td>
</tr>
<tr>
<td><strong>Mode of Action</strong></td>
<td>Sodium channel modulator – disrupts insects’ nervous system</td>
</tr>
<tr>
<td><strong>Class of Chemistry</strong></td>
<td>Pyrethrins and insecticide synergist</td>
</tr>
<tr>
<td><strong>Respirator Required</strong></td>
<td>Required when applied as a fogger in enclosed spaces</td>
</tr>
<tr>
<td><strong>Mix or Dilute in</strong></td>
<td>Water only</td>
</tr>
<tr>
<td><strong>Activity</strong></td>
<td>Flushes insects from hiding; contact kill</td>
</tr>
<tr>
<td><strong>Shelf Life</strong></td>
<td>3 years or more if stored at room Temperature</td>
</tr>
</tbody>
</table>

### Use Areas

**Automatic Misting Systems, including:**
- Animal housing
- Residential
- Zoos
- Barns
- Warehouses

**Indoor Use as a Surface Spray and a Space Spray in Food and Non-food Areas**

**Livestock, Dairy and Poultry Production Facilities and Premises**

**Pet Premise Treatment**

**General Outdoor Premise Treatment**

**Transportation Equipment**

### Method of Application

- Automatic misting system
- Conventional mechanical fogger (space spray)
- Hand-held mechanical foggers
- Compressed air sprayer (surface spray)
- Broadcast surface treatment
- Crack and crevice treatment
**Best Practices when using Riptide® Waterbased Pyrethrin ULV in Misting Systems**

**Test for proper pH balance**
Test your water to ensure the pH of the misting solution is in the 5.5 to 7.0 range. If the solution is outside that pH range, pyrethrum will degrade, and performance will be reduced.

**Avoid sun and heat**
Place the misting system holding tank out of direct sunlight. Pyrethrum degrades at high temperatures. Cover the tank with a light-colored or reflective cover to minimize solar heating of the solution.

**Keep things clean**
Be sure to clean the tank between refills, or use an anti-microbial to prevent the development of bacteria or other natural organisms that will break down the pyrethrum. Do not use compounds which could alter the solution pH out of the 5.5 to 7.0 range. If buildup is observed in the tank, empty it completely and be sure to clean it thoroughly before refilling.

**Monitor misting system output**
Check and clean misting system nozzles and filters to be sure you are getting the particle size and distribution necessary to achieve good coverage.

**Apply during active periods**
Set the system timer to treat when target insects are most active, such as dawn and dusk.

**Display proper labels**
Make sure that a waterproof envelope with the product label is securely attached to the outside of the residential misting tank.

**Follow guidelines**
Always follow system manufacturer’s recommendations regarding set up and maintenance. Follow insecticide product label and all Federal, State and Local regulations relating to installation and use of misting systems and the insect control products used with them.

For a complete list of insects controlled, refer to the product label.

Always read and follow label and SDS directions.

To learn more, visit www.mgk.com, call 1-800-645-6466 or send an e-mail to brands@mgk.com.

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**Key Insects and Pests Controlled**

**Riptide is labeled for the control of insects including, but not limited to:**

- Almond Moths
- Angoumois Grain Moths
- Ants
- Black Flies
- Blood Sucking Lice
- Boxelder Bugs
- Brown Dog Ticks
- Caddies
- Carpet Beetles
- Cereal Beetles
- Cheese Mites
- Cheese Skippers
- Chocolate Moths
- Cigarette Beetles
- Clothes Moths
- Clover Mites
- Cockroaches
- Coffee Bean Weevils
- Confused Flour Beetles
- Crickets
- Dark Mealworms
- Darkling Beetles
- Deer Flies
- Deer Ticks (carrier of Lyme disease)
- Dermestid Beetles
- Dried Fruit Beetles
- Drugstore Beetles
- Earwigs
- Face Flies
- Firebrats
- Flat Grain Beetles
- Fleas
- Flies
- Flying Moths
- Fruit Flies
- Gnats
- Grain Mites
- Granary Weevils
- Horn Flies
- Hornets
- Horse Flies
- Indian Meal Moths
- Khapra Beetles
- Lesser Grain Borers
- Lesser House Flies
- Mediterranean Flour Moths
- Merchant Grain Beetles
- Midges
- Millers
- Millipedes
- Mosquitoes
- Palmetto Bugs
- Pillbugs
- Red Flour Beetles
- Rice Flour Beetles
- Rusty Grain Beetles
- Saw-tooth Grain Beetles
- Silverfish
- Skipper Flies
- Spider Beetles
- Spiders
- Stable Flies
- Sowbugs
- Ticks
- Ticks that may carry and transmit Lyme disease
- Tobacco Moths
- Trogoderma Beetles
- Warehouse Beetles
- Wasps
- Waterbugs
- Yellow Jackets
- Yellow Mealworms

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