Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Conditions and rates to use for mosquito control

Do not use or store near heat or open flame. Flashpoint minimum of 300°F.

CONDITIONS AND RATES

For Application Only By Public Health Officials and Trained Personnel of Mosquito Abatement Other Mosquito Control Programs. An All Temperature, Quick Knockdown, Low Odor Synthetic Pyrethroid for Control of Adult Mosquitoes in Residential and Recreational Against Biting and Non-Biting Midges and Blackflies.

For applications of Biorad™ 30+30 ULV m Ayr 2021 or 2022. See the EPA Reg No 8329-42.
CAUTION
KEEP OUT OF REACH OF CHILDREN

MANUFACTURED BY
CLARKE MOSQUITO CONTROL PRODUCTS, INC.
159 N. GARDEN AVENUE
ROSELLE, ILLINOIS 60172

ACTIVE INGREDIENTS:
Permethrin (3-Phenoxypyphenyl)methyl (t) cis.
trans-3(2,2-dichloroethenyl)2,2-dimethyl-
Cyclopropanecarboxylate .......................... 30.0%
Piperonyl Butoxide, Technical
Equivalent to 80% (butylcarbityl)
(6-propylpiperonyl) ether and
20% related compounds ................................ 30.0%
INERT INGREDIENTS .................................. 40.0%

Contains petroleum distillates.
Contains 2.52 pounds of Permethrin and 2.52 pounds
of Piperonyl Butoxide per gallon.

BIOMIST® 30+30 ULV is recommended for application as an ultra low volume
(U.L.V.) nonthermal aerosol (cold fog) to control adult mosquitoes in residen-
tial and recreational areas where these insects are of a problem, such as but not
limited to parks, campgrounds, woodlands, athletic fields, golf courses, residential
areas and municipalities, gardens, playgrounds, recreational areas
and overgrown waste areas. Do not apply this product within 100 feet (30 Meters)
of lakes and streams. Do not allow spray treatment to drift on pastureland,
cropland, poultry ranges, or water supplies. For best results treat when
mosquitoes are most active and weather conditions are conducive to keeping
the fog close to the ground, i.e. cool temperatures and wind speed not greater
than 10 mph. Applications during the cool hours of the night or early morning
is usually preferable. Repeat treatment as needed.

U.L.V. Nonthermal Aerosol (Cold Fog) Application: To control Mosqui-
toes, Midges and Blackflies, apply BIOMIST® 30+30 ULV using any standard
U.L.V. ground applicator capable of producing a nonthermal aerosol spray
with droplets ranging in size from 1 to 20 microns and a mass median diameter
(MMD) of 10 to 20 microns. Apply the product undiluted at a flow rate of 1.0 to
6.0 fluid ounces per minute at an average vehicle speed of 10 mph. If a different
vehicle speed is used, adjust flow rate accordingly. These rates are
equivalent to 0.0031 to 0.0185 pounds of Permethrin and 0.0031 to 0.0185
pounds of Piperonyl Butoxide per acre. For a flow rate according to vegetation
density and mosquito population. Use higher flow rate in heavy vegetation or
when populations are high. An accurate flow meter must be ensured to use the
proper flow rate. BIOMIST® 30+30 ULV may also be applied by diluting with a
suitable solvent such as mineral oil and applying so as not to exceed the
maximum pounds of active ingredient per acre as shown in the first column of
the previous table. The following charts represent some suggested dilution and
application rates for ground U.L.V. applications. If an alternate dilution rate is
used, adjust flow rate accordingly.

FOR A 1:2 BIOMIST® 30+30 ULV/SOLVENT DILUTION RATIO
Mix one (1) part BIOMIST® 30+30 with two (2) parts solvent and apply at the following rates:

<p>| Permethrin | Application Rates | Fl. oz. | Fl. oz. |</p>
<table>
<thead>
<tr>
<th>pounds/acre</th>
<th>MPH</th>
<th>per acre</th>
<th>per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0007</td>
<td>30</td>
<td>6.0</td>
<td>0.0</td>
</tr>
<tr>
<td>0.0035</td>
<td>30</td>
<td>6.0</td>
<td>0.5</td>
</tr>
<tr>
<td>0.00175</td>
<td>30</td>
<td>6.0</td>
<td>0.025</td>
</tr>
</tbody>
</table>

FOR A 1:4 BIOMIST® 30+30 ULV/SOLVENT DILUTION RATIO
Mix one (1) part BIOMIST® 30+30 with four (4) parts solvent and apply at the following rates:

<p>| Permethrin | Application Rates | Fl. oz./Min. | Fl. oz. |</p>
<table>
<thead>
<tr>
<th>pounds/acre</th>
<th>MPH</th>
<th>per acre</th>
<th>per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00065</td>
<td>5.0</td>
<td>10.0</td>
<td>1.5</td>
</tr>
<tr>
<td>0.0031</td>
<td>2.5</td>
<td>5.0</td>
<td>0.8</td>
</tr>
<tr>
<td>0.0015</td>
<td>2.5</td>
<td>5.0</td>
<td>0.4</td>
</tr>
</tbody>
</table>

For proper application, mount the fog applicator(s) no further than 5 feet above ground level and directed out the back of the vehicle. Failure to follow the above directions may result in reduced effectiveness. Aerial applications should be done by suitable aerial U.L.V. equipment capable of producing droplets with an MMD of 50 microns or less with no more than 2.5% exceeding 100 microns. Flow rate and swath width should be set so as to achieve .33 to 1.0 fluid ounces of BIOMIST® 30+30 ULV per acre. BIOMIST® 30+30 ULV is not exceeded. Both aerial and ground applications should be made when wind is less than 10 MPH.

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

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright
at room temperature. Avoid exposure to extreme temperatures. In case of
spill or leakage, soak up with an absorbent material such as sawdust, earth,
fuller's earth, etc. Dispose of with chemical waste.

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

CONTAINER DISPOSAL: Triple rinse (or equivalent) then off
recycling or reconditioning, or puncture and dispose in a
sanitary landfill, or by other approved state and local procedures.

CONTAINERS ONE GALLON AND SMALLER: Do not reuse con-
tainer. Wrap containers in several layers of newspaper and discard in
trash.

CONTAINERS LARGER THAN ONE GALLON: Metal Containers—
Triple rinse or equivalent. Then offer for recycling or reconditioning,
or puncture and dispose of in a sanitary landfill, or by other procedures
approved by state and local authorities. Painted Containers—Triple rinse or
equivalent. Then offer for recycling or reconditioning, or puncture and
dispose of in a sanitary landfill, or by incineration, if allowed by state
and local authorities, by burning. If burned, stay out of smoke. Then
dispose of in a sanitary landfill or by other approved state and local procedures.

ACCEPTED
MAY 3 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticid
registered under

For more information call: 1-800-323-5727