Scourge®

Insecticide with RESMETHRIN/PIPERONYL BUTOXIDE

18% + 54% MF FORMULA II

RESTRICTED USE PESTICIDE
Due to Acute Fish Toxicity.

For sale only to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicators Certification. Direct supervision for this product is defined as the certified applicator being physically present during mixing, loading, equipment repair, and equipment cleaning. Certified applicators must ensure that all persons involved in these activities under their direct supervision are informed of the precautionary statements.

** (butylcarbityl) (6-propylpiperonyl) ether and related compounds.

* Cis/trans isomers ratio max. 30% (±) cis and min. 70% (±) trans.

‡ Contains Petroleum Distillate

• A SYNTHETIC PYRETHROID FOR EFFECTIVE ADULT MOSQUITO (INCLUDING ORGANOPHOSPHATE RESISTANT SPECIES), MIDGE (BITING AND NON-BITING), AND BLACKFLY CONTROL

• FOR CONTROL OF BITING AND NON-BITING FLIES

• FOR AERIAL OR GROUND APPLICATION

CONTAINS 1.51 LB/GAL (181 g/l) OF RESMETHRIN AND 4.51 LB/GAL (540 g/l) OF PIPERONYL BUTOXIDE

ACTIVE INGREDIENTS:

Resmethrin .......................................................... 18.0%  
Piperonyl Butoxide ............................................. 54.0%

OTHER INGREDIENTS:† ........................................ 28.0%

TOTAL: .............................................................. 100.0%

† Contains Petroleum Distillate

Cis/trans isomers ratio max. 30% (±) cis and min. 70% (±) trans.

** (butylcarbityl) (6-propylpiperonyl) ether and related compounds.

Environmental Hazards

This pesticide is toxic to aquatic organisms, including fish, crustaceans, and birds. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish, crustaceans, and birds. Do not apply 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.

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. 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.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are made of barrier laminates, nitrile rubber greater or equal to 14 mils or neoprene rubber greater or equal to 14 mils. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

• Long-sleeved shirt and long pants

• Shoes plus socks

• Chemical-resistant gloves for all handlers except applicators using motorized ground equipment, pilots, and flaggers

See engineering controls for additional requirements.

In addition to the above PPE, mixers and loaders supporting aerial applications to forest must wear at least a NIOSH-approved respirator with:

- a dual/mist filter with N95/STAINLESS steel equivalent to N95/STAINLESS steel approved mask, or
- any R, P, or HE filter

Engineering Controls

Applicators using ground mechanical application equipment must use an enclosed cab that has a nonporous barrier that totally surrounds the occupants and prevents contact with pesticides outside the cab. Must be provided and have immediately available for use upon exiting the cab chemical-resistant gloves.

Pilots must use an enclosed cockpit. The cockpit must have a nonporous barrier that totally surrounds the occupants and prevents contact with pesticides outside the cab. Pilots must wear the PPE required on this labeling for applicators.

User Safety Requirements

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.

For PRODUCT USE Information Call 1-800-331-2867

FIRST AID

IF SWALLOWED

• Call a poison control center or doctor immediately for treatment advice.
• 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 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 or 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 the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor or 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 1-800-334-7577 for emergency medical treatment information. In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-334-7577.

Note to Physician: Contains petroleum distillates. Vomiting may cause pneumonia.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

Inconsistent with its labeling.

READ ENTIRE LABEL FOR DIRECTIONS

This product is to be used for control of adult mosquitoes, (including organophosphate resistant species), midges (biting & non-biting), and blackflies by specially designed aircraft capable of applying ULTRA LOW VOLUME of finished spray formulation or by ground application with non-thermal or mechanical spray equipment that can deliver spray particles within the aerosol size range and at specified dosage levels.

NOTICE: This concentrate cannot be diluted in water. Mix well before using. Avoid stirring excess diluted formulation in spray equipment tank beyond the period needed for application.

User Safety Recommendations

Users 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.

Directs for use

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For M E D I C A L

Inform ation Call 1-800-331-2867

24 Hours A Day 1-800-334-7577

Em ergencies ONLY

Call 1-800-334-7577

For TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

PARA AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(continued on back label)
SCOURGE Insecticide with RESMETHRIN/PIPERONYL BUTOXIDE 18% + 54% MF FORMULA II is a water-in-oil emulsion of fixed concentrate. See label for complete direction and precautions for use. This product is designed to be applied as an Ultra-Low Volume (ULV) aerosal to control adult mosquitoes and flies in the target area. This product can be applied using a ULV aerosol generator, or other equipment designed for non-thermal ULV aerosol applications. The desired application rate may be obtained under different conditions by altering the dilution rate of SCOURGE Insecticide with RESMETHRIN/PIPERONYL BUTOXIDE 18% + 54% MF FORMULA II, the flow rate of the insecticide from the application equipment and the vehicle speed. Examples are given in the following Table.

### Flow Rate (Fluid Ounces Per Minute)

<table>
<thead>
<tr>
<th>Application Rate (lb resinmethrin per Acre)</th>
<th>Vehicle Speed (MPH)</th>
<th>Undiluted</th>
<th>Diluted 1 + 1</th>
<th>Diluted 1 + 2</th>
<th>Diluted 1 + 4</th>
<th>Diluted 1 + 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0015</td>
<td>10</td>
<td>0.77</td>
<td>1.56</td>
<td>3.22</td>
<td>3.90</td>
<td>5.49</td>
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<tr>
<td></td>
<td>15</td>
<td>1.17</td>
<td>2.30</td>
<td>5.50</td>
<td>5.80</td>
<td>8.10</td>
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<tr>
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<td>20</td>
<td>1.54</td>
<td>3.10</td>
<td>6.22</td>
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<td></td>
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<td>6.75</td>
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<td>20</td>
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<td>3.60</td>
<td>6.90</td>
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</tr>
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<td>18.90</td>
</tr>
<tr>
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<td>7.20</td>
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<td>27.47</td>
<td>36.97</td>
<td>53.90</td>
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</table>

### Mixing Instructions

#### USE OF FIXED WING AIRCRAFT OR HELICOPTERS

**UNDILUTED**

SCOURGE Insecticide with RESMETHRIN/PIPERONYL BUTOXIDE 18% + 54% MF FORMULA II may be applied undiluted at a treatment rate of 0.007 pounds of resmethrin per acre at a finished spray volume of 0.6 fl oz/acre.

#### DILUTED

For additional rates and dilutions see mixing instructions below.

### MIXING INSTRUCTIONS FOR PRODUCT IN AIRCRAFT USAGE

If using SCOURGE Insecticide with RESMETHRIN/PIPERONYL BUTOXIDE 18% + 54% MF FORMULA II follow the mixing instructions contained in the table for Aircraft usage.

### Table: Mixing Ratios

<table>
<thead>
<tr>
<th>FL oz/A of Finished Spray to Be Applied</th>
<th>lb ai/A Wanted RESMETHRIN / PBO</th>
<th>Volumetric Dilution Needed</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>Product</td>
</tr>
<tr>
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<td>0.001/0.003</td>
<td>1 part</td>
</tr>
<tr>
<td></td>
<td>0.001/0.055</td>
<td>1 part</td>
</tr>
<tr>
<td></td>
<td>0.006/0.0105</td>
<td>1 part</td>
</tr>
<tr>
<td>1.0</td>
<td>0.001/0.003</td>
<td>1 part</td>
</tr>
<tr>
<td></td>
<td>0.001/0.055</td>
<td>1 part</td>
</tr>
<tr>
<td></td>
<td>0.006/0.0105</td>
<td>1 part</td>
</tr>
<tr>
<td></td>
<td>0.007/0.021</td>
<td>1 part</td>
</tr>
<tr>
<td>3.0</td>
<td>0.001/0.003</td>
<td>1 part</td>
</tr>
<tr>
<td></td>
<td>0.001/0.055</td>
<td>1 part</td>
</tr>
<tr>
<td></td>
<td>0.006/0.0105</td>
<td>1 part</td>
</tr>
<tr>
<td></td>
<td>0.007/0.021</td>
<td>1 part</td>
</tr>
</tbody>
</table>