



# PERMANONE® READY-TO-USE INSECTICIDE

*Specimen Label*

- \* FOR APPLICATION ONLY BY PUBLIC HEALTH OFFICIALS AND TRAINED PERSONNEL OF MOSQUITO ABATEMENT DISTRICTS AND OTHER MOSQUITO CONTROL PROGRAMS
- \* CONTROL OF INSECT PESTS IN RESIDENTIAL AND RECREATIONAL AREAS
- \* QUICK KNOCKDOWN
- \* CONTAINS 0.3 LBS/GALLON PERMANONE® AND 0.6 LBS/GALLON BUTACIDE®
- \* KILLS: MOSQUITOES, GNATS, BITING AND NON-BITING MIDGES, BLACKFLIES, AND OTHER BITING FLIES.
- \* APPLICATION SITES: ANIMAL HOUSES, CORRALS, DRIVE-IN THEATERS, FEED-LOTS, GARDENS, GOLF COURSES, PARKS, PLAYGROUNDS, RECREATIONAL AREAS, ROADSIDES, TIRE DUMPS, URBAN AREAS AND ZOOS.

#### ACTIVE INGREDIENTS:

Permethrin\* ..... 3.98%  
 Piperonyl Butoxide Technical\*\* ..... 8.48%

**OTHER INGREDIENTS†** ..... 87.54%  
 100.00%

\*3-(phenoxyphenyl) methyl (+/-) *cis/trans* 3-(2,2-dichloroethenyl) 2,2-dimethyl cyclopropanecarboxylate, *Cis/trans* ratio: Max. 65% (+/-) *trans* and min. 35% (+/-) *cis* .

\*\*Equivalent to min. 6.784%(butylcarbityl)(6-propylpiperonyl) ether and 1.696% related compounds.

†Contains petroleum distillate

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

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

EPA REG. NO.: 432-1277

EPA EST. NO. 432-TX-1

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

**See Side Panel For Additional  
Precautionary Statements.**

*NET CONTENTS: 2.5 Gallon, 30 Gallon or 275 Gallons*

**BAYER ENVIRONMENTAL SCIENCE**

A Business Group of Bayer CropScience LP  
 95 Chestnut Ridge Road • Montvale, NJ 07645

| <b>FIRST AID</b>  |  |
|---|--|
| If on skin or clothing  | <ul style="list-style-type: none"> <li>● Take off contaminated clothing.</li> <li>● Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul> |
| <b>HOT LINE NUMBER: 1-800-331-2867</b><br><b>[Synthetic Pyrethroid]</b>   |  |
| 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. |  |
| <b>Note To Physician:</b> Contain petroleum distillate - vomiting may cause aspiration pneumonia.   |  |

## PRECAUTIONARY STATEMENTS

### Hazards To Humans & Domestic Animals

#### CAUTION

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

#### Environmental Hazards

This product is highly toxic to fish. Avoid direct application to lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent areas. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Do not allow spray treatment to drift on pastureland, cropland, poultry ranges or water supplies. Do not use on crops for food, forage or pasture.

#### DIRECTIONS FOR USE

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

#### STORAGE AND 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 sand, 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:** 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.

Plastic Containers - Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a

sanitary landfill, or by incineration, or 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.

**CONTAINER DISPOSAL FOR RETURNABLE CONTAINERS:** Replace the dry disconnect cap if applicable, and seal all openings which have been opened during use. Return empty container to a collection site designated by Bayer Environmental Science. If container has been damaged and cannot be returned according to the recommended procedures, contact Bayer Environmental Science Customer Service Center at 800-843-1702.

**RETURNABLE/REFILLABLE SEALED CONTAINER:** Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase. Do not break seals. Return intact to point of purchase.

**CONDITIONS and RATES to USE for MOSQUITOES, GNATS, MIDGES, BLACKFLIES and other BITING FLIES:** Do not apply this product within 100 feet (30 meters) of lakes and streams. PERMANONE RTU Insecticide is recommended for application as an ultra low volume (U.L.V) nonthermal aerosol (cold fog) to control adult stages of the listed insects in residential and recreational areas where these insects are a problem. For best results treat when insects are most active and weather conditions are conducive to keeping the fog close to the ground, e.g. wind speeds not greater than 10 mph. Application during the cool hours of the night or early morning is usually preferable. Repeat treatment as needed. Allow 24 hours before retreating. Do not apply more than once in a 24 hour period.

**U.L.V. Nonthermal Aerosol (Cold Fog) Ground Application:** To control Mosquitoes, Gnats, Midges, Blackflies and other biting Flies, apply PERMANONE READY-TO-USE INSECTICIDE using a standard U.L.V. ground applicator capable of producing a non-thermal aerosol spray with droplets ranging from 10 to 20 microns. The target dose rate to be applied up to 0.007 pounds of permethrin and up to 0.014 pounds of piperonyl butoxide per acre. This can be achieved under different conditions by altering the flow of insecticide from the equipment and/or the speed of the vehicle. Examples are given in the following table:

| Target dose rate<br>(lb PM/PB/acre) | Fl. Oz./ min. @<br>different vehicle speeds |        |        |
|-------------------------------------|---|--------|--------|
|                                     | 5 mph                                       | 10 mph | 15 mph |
| 0.0045/0.009                        | 6   | 12     | 18     |
| 0.0067/0.013                        | 9   | 18     | -      |

Vary 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 used to ensure the proper flow rate. For proper application, mount the fog applicator so that 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.

In treatment of corrals, feed lots, swine lots and zoos, cover any exposed drinking water, drinking fountains and animal feed before application.

## **IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Bayer Environmental Science's control, it is impossible for Bayer Environmental Science to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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