



# IMICIDE® Hp

SYSTEMIC INSECTICIDE  
FOR TREE INJECTION USE IN LIQUID LOADABLE INJECTORS

ACTIVE INGREDIENT:  
Imidacloprid (110.7 mg/mL)  
1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine..... 10.0%  
OTHER INGREDIENTS..... 90.0%  
Total..... 100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION

<b>FIRST AID</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 for emergency treatment information.</p> <p><b>HOT LINE NUMBER</b></p> <p><b>NOTE TO PHYSICIAN</b></p> <p>There is no specific antidote available. Treat patient symptomatically.</p>	

Mfg. By: J.J. Maugel Co.  
Town, State: Arcadia, CA 91006  
EPA Reg. No.: 7946-25  
EPA Est. No.: 7946-CA-1

Net Contents:  
 \_\_\_ 1 bottle @ 1 Liter  
 \_\_\_ 4 bottles @ 1 Liter ea., 4 Liters net  
 \_\_\_ 1 bottle @ 500 mL  
 \_\_\_ 4 bottles @ 500 mL ea., 2 Liters net

REV. 06/10/2010/PPL

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Causes eye irritation. Wash thoroughly with soap and water after handling. Avoid breathing vapors. Remove contaminated clothing and wash before reuse.

**PERSONAL PROTECTIVE EQUIPMENT:**  
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

#### APPLICATORS AND OTHER HANDLERS MUST WEAR:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves, such as polyethylene or butyl rubber or neoprene rubber or viton
- Protective eyewear

#### ENVIRONMENTAL HAZARDS:

This pesticide is highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

#### PHYSICAL OR CHEMICAL HAZARDS:

Do not use or store near heat or open flame.

#### DIRECTIONS FOR USE IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and the handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

#### APPLICATION EQUIPMENT

Imicide Hp is a solvent based insecticide for use with liquid loadable injectors. Test imicide Hp for compatibility with the injector and its liquid contact components before regular use. Clean the interior of the injector with a solvent cleaner to remove any residual liquid from prior use. Disinfect injector tips between tree injections use. Use liquid loadable injector equipment/devices with care and in a safe manner, in addition to following each manufacturer's directions and precautions.

#### DIRECTIONS

For tree injection use with liquid loadable tree injectors. Follow manufacturer's directions and precautions in the use of liquid loadable, pressure injector systems. Measure the tree at chest height in inches. If measuring the circumference of the tree, divide this number by six (6) to determine the number of injection sites needed. If measuring the diameter of the tree (DBH), divide this number by two (2) to determine the number of injection sites needed. Apply the injector sites into the active sapwood, evenly spaced around the tree at the root buttress region avoiding the root valleys. Follow good injection practices. Use the following rates as a function of tree diameter at breast height (DBH).

- 1 mL per inch DBH for trees 2 to 10 inches DBH
- 1.5 mL per inch DBH for trees 10 to 36 inches DBH
- 2 mL per inch DBH for trees 36 inches DBH and above
- Dosage per injection site is determined by dividing the number of injection sites into the total dosage per tree as per the above rate schedule. For heavier infestation and/or more resistant insects, use 1.5 mL or 2 mL rates on trees having a DBH of 2 inches and above.
- Trees in advanced stages of insect infestation may not respond to treatment. The health of the tree and the environmental conditions will determine the rate of uptake.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store containers in an upright position, above 45°F, in a cool, dry place.

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

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, if approved by state and local authorities. Do not burn unless allowed by state and local ordinances. If burned, stay out of smoke.

#### RESTRICTIONS

Do not inject trees that are less than two inches in diameter. This product is not to be used on trees which will produce food within the year following treatment unless food crop on treated tree is discarded and destroyed.

#### TARGET INSECTS ON FOREST AND ORNAMENTAL TREES

- ADELPHIDS
- APHIDS
- ASIAN LONGHORNED BEETLE
- BLACK VINE WEEVIL LARVAE
- BRONZE BIRCH BORER
- CITRUS LONGHORNED BEETLE
- COTTONWOOD LONGHORNED BORER
- DOUGLAS FIR GALL MIDGE
- ELM LEAF BEETLE
- EUCALYPTUS LONGHORNED BORER
- FLATHEADED BORER (Including Emerald Ash Borer and Alder and Birch Borer)
- JAPANESE BEETLE
- LACEBUGS
- LEAFHOPPERS
- LEAFMINERS
- MEALYBUGS
- PINE TIP MOTH LARVAE
- PSYLLIDS (Including Lerp Psyllid)
- ROYAL PALM BUGS
- SCALE INSECTS (Including Asian Cycad Scale)
- THRIPS
- WHITEFLIES

#### U.S.D.A. RATE SPECIFICATIONS FOR ASIAN AND CITRUS LONGHORNED BEETLE PROGRAMS. FOR USE ONLY UNDER U.S.D.A. SUPERVISION.

#### FOR USE WITH

#### U.S.D.A. APPROVED INJECTION DEVICES.

Read and follow the manufacturer's written documentation on the proper use and maintenance of the injector you are using. Use the following rates as a function of tree diameter at breast height (DBH).

- 2 to 23 inches DBH - 2 mL per diameter inch.
- 24 inches DBH and above - 4 mL per diameter inch.

#### DIRECTIONS:

To determine the initial number of needed injection holes, measure the tree at breast height using a standard forestry tape measure. a) If measuring the circumference, divide this number by six (6) to determine the number of holes needed. b) If measuring the diameter, divide this number by two (2) to determine the number of injection holes needed. c) Make initial injection sites in the active sapwood, evenly spaced around the tree at the root buttress region and avoiding the root valleys. d) If a single hole cannot accept its full dose, that dose may be divided among the other initial injection holes. e) If additional injection holes are needed, they may be spaced horizontally or vertically from the initial holes. The minimum horizontal spacing for injection sites is about 3 inches. The minimum vertical spacing for injection sites is 6 inches. Stagger vertical spacing and do not align. Do not apply more than once per calendar year.

#### NOTICE OF WARRANTY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, J.J. MAUGEL CO. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE OR OTHERWISE EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USE WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.