**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust or spray mist. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Some materials are chemical-resistant to this product are polyethylene and polyvinyl chloride. Mixers, loaders applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical resistant gloves
- Protective eyewear

In addition, all mixers and loaders must wear a NIOSH approved dust filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any N,R,P or AP filter rated M100 or AFE100.

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.

**USER SAFETY REQUIREMENTS:**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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.

**FIRST AID**

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- 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 IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15–20 minutes.
- Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
- Call a poison control center or a doctor for further treatment advice.

**IF INHALED:**

- Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
- Hold eye open and rinse slowly and gently with water for 15–20 minutes.
- Call a poison control center or a doctor for further treatment advice.

**IF ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15–20 minutes.
- Call a poison control center or a doctor for further treatment advice.

**IF INJECTED:**

- Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
- Hold eye open and rinse slowly and gently with water for 15–20 minutes.
- Call a poison control center or a doctor for further treatment advice.

**DIRECTIONS FOR USE**

**USER SAFETY REQUIREMENTS:** Users should 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.

**FIRST AID**

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
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- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15–20 minutes.
- Call a poison control center or a doctor for further treatment advice.

**IF INJECTED:**

- Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
- Hold eye open and rinse slowly and gently with water for 15–20 minutes.
- Call a poison control center or a doctor for further treatment advice.

**HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR:**

**NOTE TO PHYSICIAN:**

Organophosphates are cholinesterase inhibitors. If signs of cholinesterase inhibition appear, atropine is antitodal. 2-PAM may also be used in conjunction with atropine but should not be used alone.

**ENVIRONMENTAL HAZARDS:** This pesticide is highly toxic to birds. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the high water mark. Do not contaminate surface water when disposing of equipment wash water. This product and its degradation are 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.

**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 indirectly through drift. Only protected handlers may be in the area during application. For requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. For agricultural and commercial use only. Not for use or storage around the home.

**ARBORETUM SYSTEMS**

**AIR/HYDRAULIC MICRO-INJECTION APPLICATION:** Prepare the solution following the mixing instructions above. To inject, set the primary regulator to 75 PSI, charge the Doser-Sizer by pulling back on Doser-Sizer knob after priming and apply the specified dose equally into the preset Arborplug™ ports.

**HAND-OPERATED MICRO-INJECTION APPLICATION:** Prepare the solution following the mixing instructions above. Close and hand pump or pressurize to between 15 and 25 psi. Charge the Doser-Sizer by pulling back on Doser-Sizer knob, then apply specified dose equally into the preset Arborplug™ ports.

**QUIK-JET MICRO-INJECTION APPLICATION:** Prepare the solution following the mixing instructions above. To Micro-Inject, set the Arborjet Tree Micro-Injector to the 3 mL per shot setting. Draw formulation into the injector cylinder and squeeze handle to deliver the shot. Repeat until the full dose per injection site is delivered. Refer to the Tree Micro-Injection Dosages Table to determine the volume in milliliters to be delivered and number of injection sites to apply.

**TREE L.V. MICRO-INFUSION™ APPLICATION:** Prepare the solution following the mixing instructions above. Close and pressurize the contents from 25 to 60 PSI and prime the lines by opening each injector valve slowly to purge the air. Insert the VPER needle into the Arborplug™ port to begin the infusion. Remove when application is complete. Refer to the Micro-Infusion® Dosages Table to determine the volume in milliliters to be delivered and number of application sites to apply.
CAUTION: not completely dissolve or disperse in solution. Application of liquid flowables, suspension concentrates, before applying any tank mixture not specifically recommended on this label, the safety to the target tree may not have been tested.

T o determine the physical compatibility of ACE-jet with other products, use a jar test as described below.

**IMPORTANT!** Refer to the Micro-Infusion® Dosage Table for high rate applications.

**CLEAN-UP**

It is critical to rinse the Arborjet System thoroughly after use. Use CLEAN-jet, soap and water or isopropyl alcohol. Residues left in the device may gum the internal components.

**COMPATIBILITY**

ACE-jet is compatible with all Arborjet fertilizers including the MICRO-jet infusible series. However, the physical compatibility of ACE-jet should be tested before use with other products.

1. Using a pint jar, add the proportionate amounts of the two products to 1 pint of water.
2. After thoroughly mixing, let stand for 5 minutes. If the combination remains mixed or can be remixed, it is physically compatible. If precipitates form, the combination is incompatible.

3. Once compatibility has been proven acceptable, use the same procedure for adding required ingredients to the formulation tank.

User must comply with all applicable directions, restrictions and precautions on the EPA-registered label when using any pesticide in tank mix combinations. The most restrictive labeling applies when using a tank mix.

**WHEN TO TREAT**

Apply when signs of insects first appear: ACE-jet is effective against actively feeding insects. However, the mLs/injection site needs to be increased to 13.5 mLs to deliver the specified dosage in the Tree Micro-Injection Dosages Table.

**STORAGE AND DISPOSAL**

Do not contaminate food or feedstuffs. Do not store or transport near feed or food.

Keep product in original container. Store product in a cool dry place. Do not contaminate water, food, feed by storage or disposal.

Do not contaminate food or feedstuffs. Do not store or transport near feed or food.

Keep away from heat and open flame.

Keep away from children.

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

Do not inject trees within two weeks of any other spray or soil chemical treatment.

**NOTICE OF WARRANTY**

ARBORJET, Inc. makes no warranty of fitness of this product for any other purpose, beyond its uses under normal conditions in keeping with the statements made on this label.

- Keep away from children.
- Keep away from heat and open flame.
- Do not treat trees that are moisture stressed or suffering from herbicide damage.
- Do not inject trees within two weeks of any other spray or soil chemical treatment.

For Control of Specified Borers: Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.

**USE IN TREES, ORNAMENTALS, FORESTS, SEED ORCHARDS AND TREE PLANTATIONS AGAINST CERTAIN COLEOPTERAN PESTS INCLUDING CAMBIAL AND WOOD-BORING INSECTS**

CROPS

- Trees, Shrubs, Evergreens, Conifers, Christmas Tree Plantations, & Palms*

In Forest Areas, including non-urban forests, tree plantations, and seed orchards, parks, rural shelter belts, rangeland trees, and woodland trees including conifers.

*Not for use in California

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