U.S	S. ENVIRONMENTAL PROT AGENCY		EPA Reg. Number:	Date of Issuance:
ANNIHOM REALING A PROTECTION	Office of Pesticide Program Registration Division (7504 1200 Pennsylvania Ave., N. Washington, D.C. 20460	P)	69117-3	SEP 3 0 20
NOT	ICE OF PESTICIDE: XX_Registration		Ferms of Issuar Unconditional	nce:
<u>X</u>	<u>XX</u> Reregistration TFIFRA, as amended)	1	Name of Pestic Shepherd Fun	-
Registrant: Arbor Systems Inc. P.O. Box 34645 Omaha, NE 68134	• • •			
		Greeley,	<u>CO 80634-4</u>	4696
	ing in substance from that accepted in con to use of the label in commerce. In any			
registration of a pesticide in accor	ct health and the environment, the Admin rdance with the Act. The acceptance of a giving the registrant a right to exclusive u	ny name in conne	ction with the regis	tration of a product under
by the Agency. In order to protect registration of a pesticide in accor- this Act is not to be construed as a EPA received a label a under the authority of Act, as amended. With Eligibility Decision for product listed above. The Federal Insecticide, Fu- section does not eliminar require submission of Submit one (1) copy of previously accepted la records. Products ship your label, whichever the If you have any question	rdance with the Act. The acceptance of a	ny name in connect use of the name or ed on 9/28/1 al Insecticid requirement satisfied. The authority of act, as amend reassessment the registration nended label l stamped "A he date of the new revised 1 this letter, p	ction with the regis to its use if it has b 3. EPA gran e, Fungicide ts set forth in herefore, EP of section 4(g ded. Reregis t of pesticide tion of your ing will supe Accepted" is is Notice or label.	tration of a product under seen covered by others. Ats this request and Rodenticide the Reregistration A reregisters the g)(2)(c) of the stration under this s. EPA may product. ersede all enclosed for your the next printing o
by the Agency. In order to protect registration of a pesticide in accord this Act is not to be construed as a EPA received a label a under the authority of Act, as amended. With Eligibility Decision for product listed above. The Federal Insecticide, Fur section does not elimin require submission of Submit one (1) copy of previously accepted la records. Products ship your label, whichever If you have any question	rdance with the Act. The acceptance of a giving the registrant a right to exclusive u amendment request submitted section 3(c)(5) of the Feder h this accepted labeling, all r <b>Propiconazole</b> have been This action is taken under the angicide, and Rodenticide A nate the need for continual r data at any time to maintair f final printed labeling. An bels. A copy of your labe oped after 12 months from t occurs first, must bear the r ons or comments regarding e-mail at <u>hill.shaunta@epa</u>	ny name in connect use of the name or ed on 9/28/1 al Insecticid requirement satisfied. The authority of act, as amend reassessment the registration nended label l stamped "A he date of the new revised 1 this letter, p	ction with the regis to its use if it has b 3. EPA gran e, Fungicide ts set forth in herefore, EP of section 4(g ded. Reregist t of pesticide tion of your ing will supe Accepted" is is Notice or label. lease contact	tration of a product under been covered by others. Its this request and Rodenticide the Reregistration A reregisters the g)(2)(c) of the stration under this s. EPA may product. Ersede all enclosed for your the next printing of t Shaunta Hill at <u>Continue</u>
by the Agency. In order to protect registration of a pesticide in accor- this Act is not to be construed as a EPA received a label a under the authority of Act, as amended. With Eligibility Decision for product listed above. The Federal Insecticide, Fu- section does not eliminar require submission of Submit one (1) copy of previously accepted la records. Products ship your label, whichever If you have any question (703) 347-8961 or via	rdance with the Act. The acceptance of a giving the registrant a right to exclusive u amendment request submitted section 3(c)(5) of the Feder h this accepted labeling, all r <b>Propiconazole</b> have been This action is taken under the angicide, and Rodenticide A nate the need for continual r data at any time to maintair f final printed labeling. An bels. A copy of your labe oped after 12 months from t occurs first, must bear the r ons or comments regarding e-mail at <u>hill.shaunta@epa</u>	ny name in connect use of the name or ed on 9/28/1 al Insecticid requirement satisfied. The authority of act, as amend reassessment the registration nended label l stamped "A he date of the new revised 1 this letter, p	ction with the regis to its use if it has b 3. EPA gran e, Fungicide ts set forth in herefore, EP of section 4(g ded. Reregist t of pesticide tion of your ing will supe Accepted" is is Notice or label. lease contact	tration of a product under been covered by others. Ats this request and Rodenticide the Reregistration A reregisters the g)(2)(c) of the stration under this s. EPA may product. ersede all enclosed for your the next printing o t Shaunta Hill at

. 1

.

Enclosure:

Label stamped "Accepted" Acute Toxicity Review dated: 10/28/2013 Product Chemistry Review dated: 9/5/2013

> Shaja B. Joyner Product Manager 20 Fungicides Branch Registration Division (7505P)

δ

2711

69117-3New Label: Page 1 of 9 09/16/2014

3711

# SHEPHERD<sup>®</sup> Fungicide

{Affixed Booklet - Front Panel}

# SHEPHERD® Fungicide An ArborSystems™ Wedgle® Direct-Inject™ Chemical

For Systemic Fungicide Suppression of Selected Diseases in Ornamental Trees

	Active Ingredient:	
	Propiconazole (CAS No. 60207-90-1)	14.3%
	Other Ingredients	<u>85.7%</u>
	Total	100.0%
	Contains 0.5 oz. (14 grams) active ingredient per 4 fl. oz. (120 ml	) pack.
~		<u> </u>

[Contains 4.25 oz. (117 grams) active ingredient per 1 qt. 2 fl. oz. (1000 ml) pack.]

## Net Contents: 4 fl. oz. (120 ml) [Net Contents: 1 qt. 2 fl. oz. (1000 ml)]

Keep Out of Reach of Children CAUTION

See inside for First Aid, additional Precautionary Statements and complete Directions for Use.

{Affixed Booklet - Inside Pages}

SHEPHERD® Fungicide An ArborSystems™ Wedgle® Direct-Inject™ Chemical Easy • No Drilling • Saves Time and Money

For Systemic Fungicide Suppression of Selected Diseases in Ornamental Trees

Intended for use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

To be used only with the ArborSystems Wedgle® Direct-Inject Tree Injection System

# ArborSystems<sup>™</sup>

The No-Drill Injection Solution 800-698-4641 • Fax: 402-339-5011 P.O. Box 34645 • Omaha, NE 68134

Net Contents: 4 fl. oz. (120 ml) [Net Contents: 1 qt. 2 fl. oz. (1000 ml)]

EPA Reg. No. 69117-3

EPA Est. 69117-NE-1

ACCEPTED

09/30/2014

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

pesticide régistered under' SPA Reg. No. 69117-3

69117-3New Label: Page 2 of 9 09/16/2014

4 211

	First Aid		
If Swallowed:	Immediately call a poison control center or doctor for treatment advice.		
· .	Have person sip a glass of water if able to swallow.		
,	Do not induce vomiting unless told to do so by the poison control center or doctor.		
	<ul> <li>Do not give anything by mouth to an unconscious person.</li> </ul>		
If on Skin	Take off contaminated clothing.		
or Clothing:	Immediately rinse skin with plenty of water for 15-20 minutes.		
	<ul> <li>Call a poison control center or doctor for treatment advice.</li> </ul>		
If inhaled:	Move person to fresh air.		
	<ul> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> </ul>		
	Call a poison control center or doctor for further treatment advice.		
If in Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.		
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.		
	Call a poison control center or doctor for treatment advice.		
	t container or label with you when calling a poison control center or doctor, or going for treatment.		
You may also contact 1-800-222-1222 for emergency medical treatment advice.			
Note to Physicia	an: If ingested, induce emesis or lavage stomach; treat symptomatically.		

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

# PRECAUTIONARY STATEMENTS

# Hazards to Humans & Domestic Animals

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapor. Thoroughly wash with soap and water after handling. Remove and wash contaminated clothing before reuse.

# Personal Protective Equipment (PPE)

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. All handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate; butyl, nitrile and neoprene rubber; polyvinyl chloride (PVC); or Viton
- Shoes plus socks
- Protective eyewear

In addition, all handlers (mixers, loaders and applicators or individuals performing one or more of these tasks), who are applying this pesticide using hand-held equipment must wear:

- Long-sleeved shirt and long pants,
- Shoes and socks and

Users should:

Chemical-resistant gloves.

# 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.

69117-3New Label: Page 3 of 9 09/16/2014 711

# **User Safety Recommendations**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Immediately remove clothing/PPE if pesticide gets inside; then thoroughly wash and put on clean clothing.
- Immediately remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible thoroughly wash and change into clean clothing.

## **Environmental Hazards**

This product is toxic to fish and shrimp. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

### 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.

# Intended for use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

## Restrictions Do not Inject Food-Bearing Plants

### Product Information

# ArborSystems<sup>™</sup> Wedgle<sup>®</sup> Direct-Inject<sup>™</sup> Tree Injection System

The ArborSystems<sup>™</sup> Wedgle<sup>®</sup> Direct-Inject<sup>™</sup> Tree Injection System is a no-drill trunk injection method and is easy to use. Most trees are treated in as little as five minutes or less, allowing applicators to treat trees quickly. There is no need to wait for absorption (translocation). Chemical is injected into the cambial area (the active vascular system) of the tree. Because the chemical is placed right where the tree can use it, effectiveness of the chemical is increased. Use in sunny or overcast conditions, rainy or dry, at any time of day. As no drilling or implants are required, you can treat trees year after year, with no threat of long-term or permanent damage to the tree. This system minimizes wounding and promotes long-term tree health and vigor.

#### Indications and Treatment Timing

Table 1. Overview of Diseases and Treatments           See Table 2 and Table 3 for additional information		
<b>Note:</b> Apply the specified rate for a particular type of disease and evaluate for phytotoxicity and disease control prior to widespread use. Before using on trees or diseases which are not listed, test on a small scale basis.		
Treatments Make 1 injection for every 3" to 5" of trunk circumference	Dosage per injection site Higher dosages generally provide longer control	Treatment timing
Conifer Blights (See additional notes below)		

69117-3New Label: Page 4 of 9 09/16/2014

671

	· · · · · · · · · · · · · · · · · · ·		
Di L l' T' Diabh and		Use for curative or preventive	
Diplodia Tip Blight and		treatment.	We Torre
other Conifer Blights such	2-4 ml	Tractmente con he mode any time	
as Tip Blight in Pines and	<b>Z-4</b> [[1]	Treatments can be made any time	
Junipers		during the growing season including in	
		the fall providing protection for up to two years.	
Wilt Diseases (See additional	notes below)	Timo years.	
Oak Wilt Disease for an	fandede fan strong of the strong	Apply only to uninfected trees. Wilt	د المريخ الم المريخ المريخ
uninfected Oak	3-5 ml	diseases can only be prevented, not	18
(not including Red Oak)		cured.	Star Desta
Dutch Elm Disease for an		Applications should be made only	A TA A AND
uninfected Elm	5-10 ml	during the growing season; spring	
	2 2	through late summer, providing a	A As
an water and the training and the training and	en sector and the	minimum of 12-month protection.	an a
Anthracnose and Leaf Disea	ses in Hardwoods		
Anthracnose in Sycamore	2 ml	For these diseases, use for prevention only. Applications are most effective	
Leaf diseases in Oaks,		when applied in late summer, around	
Crabapple, and non-bearing		one month prior to the typical first frost,	
ornamentals including	1-2 ml	to suppress/prevent leaf disease in the	
Cherry, Citrus, Pecan,		following year.	
Pyracantha and Walnut			
Powdery Mildew in Ash,	,	Late summer applications allow	WIE OPPE
Dogwood, Lilac and non-	1-2 ml	chemical to translocate into the bud	
bearing ornamental		before leaf drop. Next spring when the	
Crabapple and Pecan		tree leafs out, the chemical will be in	
Flower Blight of non-		place to protect the leaf.	• 8*
bearing ornamental Cherry,	1-2 ml		
Peach, Plum		Trees with leaf disease symptoms can	
Rust on Douglas Fir,		be treated to prevent recurrence for the	
Hawthorn, Poplars, Shasta	1-2 mi	following year. Annual treatments are	
Fir, and non-bearing		required for prevention.	
ornamental Crabapple	ts require large am	· · · · · · · · · · · · · · · · · · ·	

**Note:** Because some treatments require large amounts of chemical per site, there may be occasions where it is difficult to keep all of the chemical dose in the injection site. If this is experienced, several options are possible:

- 1. Use the Portle or WedglePlus Injection Tips which have a check valve in the hub of each tip which keeps chemical in the tree until it is absorbed.
- 2. Reduce dosage volume by half and double the number of injection sites.
- 3. Inject half the dose at each site, mark the tree, continue treating other trees, then return to the marked tree and inject remaining dosage in each site.

# Wilt Diseases: Oak Wilt and Dutch Elm Disease

Use Shepherd<sup>®</sup> Fungicide **only** as a preventative for Oak Wilt and Dutch Elm Disease. These fungi infect the vascular system and cause plugging throughout the tree; treatment of infected trees is rarely successful.

Symptomless trees immediately adjacent to a diseased tree should be considered infected and may not respond to treatment. Symptomless trees separated by a primary plow line from diseased trees may be uninfected and can be

69117-3New Label: Page 5 of 9 09/16/2014

treated. Do not use on trees weakened by extreme environmental conditions such as heat, drought, flooding, etc. It is recommended that Shepherd<sup>®</sup> Fungicide be administered by applicators trained in injection techniques and in the identification of Oak Wilt and Dutch Elm Disease.

In the upper Midwest, treat oaks after June 15. Wounds in oaks in the upper Midwest between May 15 and June 15 attract insects that transmit the oak wilt pathogen. Applications to oaks in other areas and to elms may be made at any time during the growing season, spring through fall, provided the bark is pliable enough to accept the chemical injections. One application provides season-long protection. Reevaluate disease conditions annually, particularly in high disease-risk areas or for high-value trees – retreatment can be made 12-months after initial treatment and annually thereafter. Inject Shepherd<sup>®</sup> Fungicide into the flare, or base of the tree, to ensure even distribution throughout the vascular system.

#### Note:

- 1. Accurate diagnosis of Oak Wilt and Dutch Elm Disease is important, since Shepherd<sup>®</sup> Fungicide provides only suppression of the diseases listed on this label.
- 2. Shepherd<sup>®</sup> Fungicide will be most effective when used in conjunction with other cultural practices recommended for management of Oak Wilt and Dutch Elm Disease (removal of dead elm trees, pruning of diseased tree limbs and branches, control of bark beetles, etc.).

#### **Conifer Blights**

**Diplodia Tip Blight** affects a variety of pines and kills current-year shoots, major branches, and ultimately entire trees. The most conspicuous symptom of diplodia blight is brown, stunted new shoots with short, brown Needles on infected new shoots often become discolored (tan, brown) while still encased in fascicle sheaths. Presence of resin droplets and one or a few very short needles are usually the first indications that a new shoot is infected. Entire new shoots are killed rapidly by the fungus. Trees repeatedly infected have some branches killed back to the main stem. Repeated infections reduce growth, deform trees, and ultimately kill them.

**Treatment will not cure already affected areas of the tree but will prevent the spread of infection.** Removal of dead branches, cones and fallen debris will reduce the amount of fungal spores available to cause new infections. Wait for dry fall weather to prune to avoid spreading spores on pruning equipment. Between cuts, sanitize tools by dipping in 70% alcohol or a 10% solution of household bleach in water.

Table 2. Ornamentals – Plant Species           (Numbers in parentheses refer to diseases controlled. See Table 3.)			
Wood	Ornamentals	Nonbearing Fruits and Nuts (Nurseries and Landscape Plantings)	
Ash (4c) Azalea (2c, 4b) Crabapple (3c, 3q, 4c, 5a) Crape Myrtle (4a) Dogwood (3h, 4c) Douglas Fir (5b) Hawthorn (5a) Juniper (1a) Lilac (4c)	Oaks (3p) Pines (1b, 1c) Poplars (5b) Pyracantha (3o) (Outdoor Uses Only) Shasta Fir (5e)	Apple (3q, 4d, 5a) Cherry (2b, 3d) Citrus (3m) Nectarine (2b) Peach (2b) Pecan (3b, 3c, 3f, 3l, 3n, 4e) Plum (2b) Walnut (3j)	

69117-3New Label: Page 6 of 9 09/16/2014 711

	Table 3	3. Diseases
.1.	Conifer Blights	k. Heterosporium echinulatum
	a. Phomopsis juniperovora (Phomopsis Blight)	I. Mycosphaerella caryigena (Downy Spot)
	b. Sirrococcus strobolinus (Tip Blight )	m. Mycosphaerella fructicola (Greasy Spot)
	c. Sphaeropsis sapinea (Diplodia Tip Blight)	n. Septoria spp. (Leaf Scorch)
2.	Flower Blight	o. Spilocaea pyracanthae
	a. Ascochyta chrysanthemi (Ray Blight)	p. Tubakia dryina
	b. Monilinia spp.	q. Venturia inaequalis (Scab)
	c. Ovulinia spp.	4. Powdery Mildew
3.	Leaf Blights/Spots	a. Erysiphe spp.
	a. Alternaria spp.	b. Microsphaera spp.
	b. Cercospora spp. (Brown Leaf Spot)	c. Oidium spp.
	c. Cladosporium spp. (Scab)	d. Podosphaera spp.
	d. Coccomyces hiemalis	e. Sphaerotheca pannosa
	e. Colletotrichum spp.	5. Rust
	f. Cristulariella spp. (Zonate leafspot)	a. Gymnosporangium juniperi-viginianae
	g. Diplocarpon rosae (Blackspot)	b. Melampsora occidentalis
	h. Discula spp. (Anthracnose)	c. Phragmidium spp.
	i. Fabraea maculata (syn. Entomosporium	d. Puccinia spp.
	maculata)	e. Pucciniastrum goeppertianum
	j. Gnomonia leptostyla (Anthracnose)	f. Uromyces dianthi

# How to Use the ArborSystems Direct-Inject Chemicals with ArborSystems Wedgle® Direct-Inject Tree Injection System

- 1. Use only ArborSystems Direct-Inject chemicals with your unit as they have been formulated specifically for the Direct-Inject system.
- 2. Attach the chemical pack to the Direct-Inject unit and prepare the unit to make injections.
- 3. Set the delivery volume on the unit.
- 4. Follow the label directions in this booklet to determine the amount of chemical and number of injection sites.
- 5. Determine where to make injections in the bark. Generally, the injection tip is inserted into the fissure (valley) of the tree bark. Inject thin-barked trees in the thicker part of the tree bark. Thick-barked trees require a longer injection tip.
- Make injections working around the circumference of the tree. Make Wedgle<sup>®</sup> Tip injections within 6"to 12" off the ground. Use the Portle<sup>®</sup> Tip for injecting Sycamores or thick-barked hardwoods such as elms at the base or flare of the tree.
- 7. With a smooth motion, firmly squeeze the injection unit handles. This releases a pre-measured chemical dose to the tree.
- 8. Continue making injections moving around the tree until the entire tree trunk has been treated.
- 9. During use, periodically clean the Wedgle® Direct-Inject unit to prevent clogging.

# Storage and Disposal

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

**Pesticide Storage:** Store in original container in a cool, dry place. **Pesticide Disposal:** Wastes 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. Completely empty pack into application equipment, then offer for recycling, if available, or dispose of empty pack in a sanitary landfill or by incineration.

{Per PR Notice 2007-4 Batch Code/Lot Number will appear either on the label or the container.}

## Notice of Warranty

ArborSystems warrants that this product conforms to the chemical description on the label and is reasonably fit for use when used strictly in accordance with the directions on the labeling. To the extent consistent with applicable law,

69117-3New Label: Page 7 of 9 09/16/2014

ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product.

# ArborSystems™ The No-Drill Injection Solution 800-698-4641 • Fax: 402-339-5011 P.O. Box 34645 • Omaha, NE 68134

Shepherd<sup>®</sup> and Wedgle<sup>®</sup> are registered trademarks of ArborSystems<sup>™</sup> ArborSystems<sup>™</sup>, Direct-Inject<sup>™</sup> and WedgeChek<sup>™</sup> are trademarks of ArborSystems Direct-Inject<sup>™</sup> unit is protected by U.S. Patent #5,901,498 Wedgle<sup>®</sup> Tip is protected by U.S. Patent #5,239,773 WedgeChek<sup>™</sup> is protected by U.S. Patent #5,797,215 Portle<sup>®</sup> Tip is protected by U.S. Patent #7,178,286

#### {Box Label}

# SHEPHERD<sup>®</sup> Fungicide An ArborSystems<sup>™</sup> Wedgle<sup>®</sup> Direct-Inject<sup>™</sup> Chemical

# For Systemic Fungicide Suppression of Selected Diseases in Ornamental Trees

Intended for use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

Active Ingredient:	
Propiconazole (CAS No. 60207-90-1)	14.3%
Other Ingredients	
Total	
Contains 0.5 oz. (14 grams) active ingredient per 4 fl. oz. (120 m	) pack.
[Contains 4.25 oz. (117 grams) active ingredient per 1 gt. 2 fl. oz. (100	0 ml) pack.]

# Keep Out of Reach of Children CAUTION

See booklet for First Aid, additional Precautionary Statements and complete Directions for Use.

# DIRECTIONS FOR USE

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

The ArborSystems Direct-Inject units are designed to be used only with ArborSystems pre-packed chemicals. Tampering with packs or contents may cause non-warrantied damage to your injection system.

69117-3New Label: Page 8 of 9 09/16/2014

10 7 []

# Storage and Disposal

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

**Pesticide Storage:** Store in original container in a cool, dry place. **Pesticide Disposal:** Wastes 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. Completely empty pack into application equipment, then offer for recycling, if available, or dispose of empty pack in a sanitary landfill or by incineration.

{Per PR Notice 2007-4 Batch Code/Lot Number will appear either on the label or the container.}

## Net Contents: 4 fl. oz. (120 ml) [Net Contents: 1 qt. 2 fl. oz. (1000 ml)]

## EPA Reg. No. 69117-3

#### EPA Est. 69117-NE-1

**ArborSystems**<sup>™</sup>

The No-Drill Injection Solution 800-698-4641 • Fax: 402-339-5011 P.O. Box 34645 • Omaha, NE 68134

{Pack Label}

### SHEPHERD<sup>®</sup> Fungicide An ArborSystems<sup>™</sup> Wedgle<sup>®</sup> Direct-Inject<sup>™</sup> Chemical

For Systemic Fungicide Suppression of Selected Diseases in Ornamental Trees

Active Ingredient:	
Propiconazole (CAS No. 60207-90-1)	14.3%
Other Ingredients	<u>85.7%</u>
Total	100.0%
Contains 0.5 oz. (14 grams) active ingredient per 4 fl. oz. (120 m	l) pack.
Contains 4.25 or (117 grams) active ingradient par 1 at 2 fl. or (100	0

[Contains 4.25 oz. (117 grams) active ingredient per 1 qt. 2 fl. oz. (1000 ml) pack.]

# Keep Out of Reach of Children CAUTION

See booklet for First Aid, additional Precautionary Statements and complete Directions for Use.

# DIRECTIONS FOR USE

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

The ArborSystems Direct-Inject units are designed to be used only with ArborSystems pre-packed chemicals. Tampering with packs or contents may cause non-warrantied damage to your injection system.

## Storage and Disposal

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

**Pesticide Storage:** Store in original container in a cool, dry place. **Pesticide Disposal:** Wastes 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. Completely empty pack into application equipment, then offer for recycling, if available, or dispose of empty pack in a sanitary landfill or by incineration.

{Per PR Notice 2007-4 Batch Code/Lot Number will appear either on the label or the container.}

69117-3New Label: Page 9 of 9 09/16/2014

### Net Contents: 4 fl. oz. (120 ml) [Net Contents: 1 qt. 2 fl. oz. (1000 ml)]

EPA Reg. No. 69117-3

#### EPA Est. 69117-NE-1

# ArborSystems™ The No-Drill Injection Solution 800-698-4641 • Fax: 402-339-5011 P.O. Box 34645 • Omaha, NE 68134

[ ] Denotes alternate/optional language

{ } Denotes language that does not appear on market labeling

{Additional Selling/Marketing Copy for use in conjunction with promotional pieces: brochures; on the website; and in other promotional materials, displays, etc.}

## ArborSystems<sup>™</sup> Wedgle<sup>®</sup> Direct-Inject<sup>™</sup> Tree Injection System

The ArborSystems Wedgle Direct-Inject Tree Injection system is effective. Chemicals are injected directly into the tree. Because the chemical is placed right where the tree can use it, effectiveness of the chemical is increased and control of most problems is reached in as little as three to five days. Also, because no chemical is lost in non-active wood, the Wedgle Direct-Inject system allows you to use less chemical to achieve high levels of effectiveness; this saves money and reduces chemical waste. The Wedgle Direct-Inject System injects chemicals into a tree with minimal wounding. With no holes to drill, no air or pathogens are allowed to enter the tree, potential decay never starts and long term wounding is prevented. The tree's ability to move water and nutrients, and to store food, is not compromised.

Pre-mixed chemicals are supplied in self-sealing containers. After injections have been made, you have only one small container of which to dispose. And with a closed system there is no mixing.

With no drilling required the Wedgle ArborSystems Direct-Inject System:

- Minimizes wounding to keep out <u>diseases</u>, fungi, bacteria and insects.
- Prevents air from getting into the tree. When air is allowed into a tree's vascular system, it cuts off the flow of water and nutrients.
- Allows multiple or annual treatments without damaging the tree.
- Requires no drills, power supply or other bulky equipment.

With this system and chemicals, tree care professionals effectively combat and manage many of the most devastating environmental plant threats.

The ArborSystems Wedgle Direct-Inject System is designed to preserve and protect the natural and urban forest. Treat almost any tree in five minutes or less. The Wedgle Direct-Inject System is among the most efficient chemical delivery systems available. You achieve control with less chemical because chemical is placed precisely where the tree can best use it. No chemical is lost in dead wood.

ArborSystems Wedgle Direct-Inject chemicals are integral parts of the Wedgle Direct-Inject Tree Injection System. Use only ArborSystems Wedgle Direct-Inject chemicals with the Wedgle Direct-Inject units.

#### Chemical Selection

Your distributor can advise you on the best chemical selections for trees in your area.

[ ] Denotes alternate/optional language

{ } Denotes language that does not appear on market labeling