



P.O. Box 34645 • Omaha, NE 68134 • Toll-Free: 899-698-4641 • Phone: 402-339-4459 • Fax: 402-339-5011 • www.ArborSystems.com

### 1. IDENTIFICATION

**Product Name:** DIY Tree Care Products Multi-Insect Killer

**EPA Reg. No.:** 69117-1

**EPA Est:** 69117-NE-1

**EPA Signal Word:** Warning

**Chemical Class:** Systemic Insecticide

### 2. HAZARD(S) IDENTIFICATION



WARNING

**Threshold Limit Value:** Not determined

**Primary Route of Exposure:** None expected

**Effects of Overexposure:** With the exception of the eye and skin irritation information, this hazard evaluation is based on data from similar formulations.

**Eye Contact:** Causes substantial but temporary eye injury.

**Skin Contact:** Slightly irritating to skin.

**Dermal Toxicity:** Harmful if absorbed through the skin.

**Respiration/Inhalation:** Harmful if inhaled.

**Ingestion:** Harmful if swallowed. May produce systemic and reproductive toxicity with extreme overexposure.

**Carcinogenicity:** Not determined or expected.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	Case Number	Percent	Exposure Limits
Imidacloprid	138261-41-3	5.00%	Not established
Alcohol (Trade Secret)	Trade Secret	> 94.00%	Not established
Acrylic Acid	79-10-7	< 0.15%	2 ppm (AGCIH TLV/TWA)

### 4. FIRST-AID MEASURES

**Have the product container or label with you when calling a poison control center or doctor, or going for treatment.**

**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. Do not give anything by mouth to an unconscious person.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**If on Skin or Clothing:** Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for 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.

### 5. FIRE-FIGHTING MEASURES

**Fire and Explosion**

**Flash Point:** 165°F

**Flammable Limits:** @ 1.5 (LEL Lower); @ 9.7 (UEL Upper)

**Fire Extinguishing Media:** "Alcohol" foam, carbon dioxide, dry chemical, water spray for dilution to non-flammable mixture.

**Special Fire-Fighting Procedures:** Fire fighters should use eye protection and self-contained breathing apparatus, and remove all unprotected persons from the area.

**Unusual Fire and Explosion Hazards:** None known

## 6. ACCIDENTAL RELEASE MEASURES

**Steps to be Taken in Case Material is Released or Spilled:** Pick up spill with sand, earth or other non-combustible absorbent material. Do not contaminate water when disposing of equipment wash waters. Contaminated absorbent and wash water should be disposed of according to local, state and federal regulations. This product is highly toxic to bees exposed to direct treatment or residues. This product is highly toxic to fish and aquatic invertebrates.

## 7. HANDLING AND STORAGE

**Special Precautions to be Taken When Handling and Storing:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. Wash thoroughly with soap and water after handling. Do not apply to food-bearing plants. Read entire label before using. Use strictly in accordance with label precautionary statements and directions. Do not contaminate water, food, or feed by storage or disposal.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Use protective eyewear and gloves when handling ArborSystems Direct-Inject Chemicals. Use chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Hazy, amber liquid

**Odor:** Mild alcohol

**Specific Gravity:** 1.073 g/ml (8.94 lbs/gallon)

**Solubility in H<sub>2</sub>O:** Virtually complete

**Boiling Point:** Not determined

**Melting Point:** Not applicable

**Vapor Pressure:** Not applicable

**Vapor Density:** Not applicable

**Percent Volatile:** Not determined

**Evaporation Rate:** Not determined

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Sources of ignition or combustion.

**Incompatibility (Materials to Avoid):** None known.

**Hazardous Decomposition Products:** Resulting from a fire: toxic gases including carbon monoxide and carbon dioxide and smoke can be generated.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None known.

## 11. TOXICOLOGICAL INFORMATION

Not Determined

## 12. ECOLOGICAL INFORMATION (NON-MANDATORY)

**Environmental Precautions:** Do not apply this product to blooming plants if bees are visiting the treatment area. Do not apply to water or allow runoff to contaminate aquatic sites. Highly toxic to aquatic invertebrates. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.

## 13. DISPOSAL CONSIDERATIONS (NON-MANDATORY)

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

**Pesticide Storage:** Store above 65°F in a cool, dry place and in such a manner as to prevent cross contamination with fertilizers, food, feed, and other pesticides. Store in original container out of reach of children, preferably in a locked storage area.

**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:** Non-refillable container; do not reuse or refill this container. Completely empty pack into application equipment, then offer

for recycling if available; otherwise dispose of empty pack in a sanitary landfill.

#### 14. TRANSPORT INFORMATION

This product is shipped in inner packaging not over 4 L (1.0 Gallon) each and is therefore shipped under the "Limited quantities of Division 6.1 materials" exception, 49 CFR 173.153(b).

#### 15. REGULATORY INFORMATION (NON-MANDATORY)

This product contains 5.0% Imidacloprid (CAS Number 139261-41-3). The remaining composition (95.0%) is other ingredients.

**TSCA Inventory Status:** This product is not known to contain a listed substance.

**CERCLA 40 CFR 302.4:** This product is not known to contain a listed substance.

**SARA Title III 40 CFR 372 (for SARA 313):** This product is not known to contain a listed substance.

**SARA Title III TQPs and RQs 40 CFR 355 (used for SARA 302, 311 and 312):** This product is not known to contain a listed substance.

**California Proposition 65:** This product is not known to contain a listed substance.

**Massachusetts 105 CMR 670.000 Right-to-Know:** Hazardous

**Substance List:** Trade secret alcohol could require reporting as a hazardous substance.

**Pennsylvania Right-to-Know Hazardous Substance List:** The trade secret alcohol could require reporting as a hazardous substance.

#### 16. OTHER INFORMATION

The information given here is not necessarily exhaustive but is representative of relevant, reliable data.

Follow all local/regional/national/international regulations.

Please consult supplier if further information is needed.

All tests were conducted following OECD guidelines for Good Laboratory Practices (GLP).

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA-APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, ArborSystems, Inc. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for the purposes prior to use. In no event will ArborSystems, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR TO THE PRODUCT TO WHICH INFORMATION REFERS.

Revision: 04/2012

Supersedes: 04/2012, 05/97, 01/96, 12/97, 04/04, 05/06,

06/07, 05/08, 11/08 and 12/09 versions