



P.O. Box 34645 • Omaha, NE 68134 • Toll-Free: 800-698-4641 • Phone: 402-339-4459 • Fax: 402-339-5011 • www.ArborSystems.com

1. PRODUCT IDENTIFICATION

Product Name: DIY Tree Care Products Multi-Insect Killer

EPA Reg. No.: 69117-8

EPA Est: 69117-NE-1

EPA Signal Word: Warning

Chemical Class: Systemic Insecticide

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS 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)

3. HAZARDS IDENTIFICATION

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: Not an irritant.

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

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

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

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 washwaters. Contaminated absorbent and washwater 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/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 H₂O: 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



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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 gasses including carbon monoxide and carbon dioxide and smoke can be generated.

Hazardous Polymerization: Will not occur

Conditions to Avoid: None known

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀: Based on EPA Toxicity Category III: >500 through 5000 mg/kg.

Acute Dermal LD₅₀: Based on EPA Toxicity Category III: >2000 through 5000 mg/kg.

Acute Inhalation LD₅₀: Based on EPA Toxicity Category III: >0.5 through 2 mg/L (4 hour).

Eye Irritation: Corneal involvement and other eye irritation clearing by day 17.

Skin Irritation: Very slight erythema at 72 hours.

Dermal Sensitization: Not a sensitizer

12. ECOLOGICAL INFORMATION

Environmental Precautions: This product is highly toxic to fish and aquatic invertebrates. 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 disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming plants or weeds. Do not apply this product to blooming plants or weeds if bees are visiting the treatment area.

13. DISPOSAL CONSIDERATIONS

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

Storage: Store above 65°F in a cool, dry place. Store empty syringe and insecticide in original container out of reach of children, preferably in a locked storage area.

Container Management: Non-refillable container; do not reuse or refill this container.

If empty: Offer container and used syringe/syringe tip for recycling, if available; alternatively, dispose of empty container and used syringe/syringe tip in trash.

If partly filled: Call your local solid or household waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

14. TRANSPORT INFORMATION

DOT Classification: Not regulated for Domestic Surface Transportation

Freight Classification: Insecticides or fungicides, N.O.I., other than poison

15. REGULATORY INFORMATION

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

Version: 08/09

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. It is the responsibility of the user to comply with all laws and procedures applicable to the safe handling, storage, and use of this product and to determine the suitability of the product for its intended use. IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.