

# Material Safety Data Sheet

## Section 1 – Product Identification

Product Name: Martin's® Dominion Fruit Tree & Vegetable  
 EPA Registration #: 53883-275  
 Manufacturer: Control Solutions Inc.  
 5903 Genoa- Red Bluff  
 Pasadena, TX 77507  
 281-892-2500  
 EPA Establishment #: 53883-TX-002

## Section 2 – Chemical Composition

Material	CAS #	% by Weight	OSHA PEL/ACGIH TLV
Imidicloprid	138261-41-3	0.235%	None Established
Inert Ingredients	N/A	99.765%	None Established

## Section 3 – Hazard Identification

Symptoms of Toxicity: Chloronicotinyl insecticide. May produce neurotoxic effects including staggering gait, muscle tremors and convulsions.  
 Flammability: Non-flammable.  
 Reactivity: Stable under normal conditions.  
 Carcinogenicity: No evidence of carcinogenicity in long term animal studies.

## Section 4 – First Aid

Eye Contact: Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.  
 Dermal Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center for treatment advice if irritation persists.  
 Inhalation: Move person to fresh air. If person is not breathing, give artificial respiration. Call a poison control center for further treatment advice.  
 Ingestion: Call poison control center immediately for treatment advice. Do not induce vomiting unless directed to do so by a poison control center. Do not give anything by mouth to an unconscious person.  
 Notes/Physician's Information: Contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.

## Section 5 – Fire and Explosion Hazards

Flash Point: Will not flash. Upper Flammability Limit: N/A  
 Extinguishing Media: Foam, dry chemical, Lower Flammability Limit: N/A  
 CO<sub>2</sub>, water fog  
 Special Procedures: Use SCBA with full-face piece and protective clothing.  
 Unusual Fire Hazards: Possible toxic smoke, vapors, fallout and runoff water can result from fires.  
 Reactivity/Stability: Toxic and irritating gasses may form when heated. Hazardous polymerization will not occur.

**Section 6 – Spill/Release Procedures**

Absorbent:	Universal absorbent pads, vermiculite, absorbent booms, or clay granules.
Containment:	Do not discharge into municipal wastewater or public storm drains. Eliminate runoff as much as possible.
Waste Disposal:	Dispose of contaminated material in municipal land fill or through licensed TSDF. Not a hazardous waste under RCRA, 40 CFR 261.
Reporting:	Report all major spills and uncontrolled releases to proper local, state, and federal agencies.
Emergency Contact #:	Chemtrec: 1-800-424-9300

**Section 7 – Storage and Handling Instructions**

Storage Conditions:	Do not store near foodstuffs or feed. Store in a cool, dry, well-ventilated area away from flammable materials and sources of heat. Keep away from oxidizing agents and alkaline material.
Special Handling Considerations:	Exercise caution to prevent damage to or leakage from the container. Workers should follow good hygiene practices to avoid accidental ingestion.
Container Disposal:	Triple rinse promptly after emptying. as follows: 1) Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. 2) Fill the container ¼ full with water a recap. 3) Shake for 10 seconds. 4) Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. 5) Drain for 10 seconds after the flow begins to drip. 6) Repeat this procedure two more times. Do not reuse empty containers. Offer containers for recycling or render unusable and dispose of in municipal landfill or with licensed TSDF.

**Section 8 – Protective Equipment/Engineering Controls**

Eye Protection:	None required. ANSI approved safety goggles or glasses with side shields are recommended.
Respiratory Protection:	None required. Use OSHA approved air purifying respirator with P100 cartridge.
Dermal Protection:	Gloves, long sleeves, pants and shoes.
Engineering Controls:	Use only in adequately ventilated areas.

**Section 9 – Physical Data**

Odor:	Very slight	Melting Point:	32°F
Physical State:	Liquid	Flash Point:	Will not flash.
Color:	Opaque off-white	Specific Gravity:	1.086 g/ml
Bulk Density:	See specific gravity	pH:	7.1-7.5
Vapor Pressure:	1.5 E <sup>-9</sup> mmHg (Imidacloprid)	Water Solubility:	0.51 g/L
Viscosity:	300 cps @ 20°C	Refractive Index:	N/A

**Section 10 – Toxicity**

EPA Toxicity Category:	“Caution” label required	Oral LD <sub>50</sub> :	>4870 mg/kg
Skin Contact:	Non-irritating.	Dermal LD <sub>50</sub> :	>2000 mg/kg
Eye Contact:	Slightly irritating.	Inhalation LC <sub>50</sub> :	>5.33 mg/l (4 hour)
NFPA Classification:	Fire - 0	Health - 1	
	Reactivity - 0	Special - none	
Other Comments:	Avoid cross contamination. Always wash hands thoroughly after handling pesticides and before eating, drinking, or smoking.		

**Section 11 – Ecological Data**

Aquatic:	N/A
Avian:	N/A
Bioaccumulation:	N/A
Summary:	This product is toxic to aquatic invertebrates. Use according to label directions and keep out of aquatic habitats.

**Section 12 – Transportation**

DOT:	Not regulated.
IATA:	Not regulated.
IMDG:	UN3082, Environmentally hazardous substance, liquid n.o.s (gamma cyhalothrin), Class 9, PG III, marine pollutant

**Section 13 – Regulatory**

Section 302/TPQ: (emergency planning)	Contains no components listed under section 302.
Section 304/EHS RQ: (release notification)	Contains no components listed under section 304.
CERCLA RQ: (release notification)	Not regulated under CERCLA.
Section 311/Tier II: (MSDS submission)	Acute health hazard.
Section 313/TRI Chemicals:	Contains no components listed under section 313.
RCRA Haz-Waste Code(s):	Not an RCRA hazardous waste.
CAA TQ: (air emissions)	Not regulated under CAA.

**Section 14 – Other**

NFPA and HMIS ratings assigned to this product are based on the hazards of its ingredient (s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.

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