

# MATERIAL SAFETY DATA SHEET

MONTEREY ONCE A YEAR  
INSECT CONTROL

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Issue Date: 12/07

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Chemical Product

MONTEREY ONCE A YEAR INSECT CONTROL

EPA Reg. No. 83070-3-54705

Common Name: Chloronicotinyl insecticide.

Chemical Description: Imidacloprid, 1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinime.

TSCA/CAS No.: This product is a mixture — the primary CAS No. is 138261-42-3.

### Manufactured For

Lawn & Garden Products, Inc.

P. O. Box 35000

Fresno, CA 93745-5000

### Emergency Phone Numbers

Emergency Telephone: DAYS: (559) 499-2100 EVES.: (559) 994-9144

CHEMTREC (24-Hour Emergency Number): (800) 424-9300

EPA National Response Center: (800) 424-8802

## SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
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None.

## SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Off-white viscous liquid with no appreciable odor. Mildly irritating to eyes and skin. May be harmful if swallowed. Can decompose at high temperatures releasing toxic gases. Extremely toxic to fish, water organisms and bees. Not D.O.T. regulated.

HEALTH: 1      REACTIVITY: 0      FLAMMABILITY: 0      ENVIRONMENT: 0  
(0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme)

## SECTION 4. FIRST AID

Eyes: Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash skin with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: Call a poison control center or physician immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Inhalation: Remove person to fresh air. Get medical attention if symptoms develop.

Note to Physician: No specific antidote available, treat symptomatically.

**SECTION 5. FIRE AND EXPLOSION HAZARDS**

Flash Point:	> 100°C (> 212°F).
Test Method:	Not available.
LEL Flammable Limits:	Not available.
UEL Flammable Limits:	Not available.
Autoignition Temperature:	Not available.
Flammability Classification:	Nonflammable.
Known Hazardous Products of Combustion:	Not known.
Properties that Initiate/Contribute to Intensity of Fire:	None.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	None.
Unusual Fire & Explosion Hazards:	None known.
Extinguishing Media:	Foam, dry chemical, carbon dioxide, or water spray.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid inhalation of vapors and fumes. Contain any liquid runoff.

**SECTION 6. SPILLS AND LEAKS**

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for proper disposal.
Evacuation:	Not necessary.

**SECTION 7. STORAGE AND HANDLING**

Storage:	Store in original container in a cool, well-ventilated, dry place at temperatures above 50°F. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Children and pets may re-enter the treated area after it has dried.

**SECTION 8. PERSONAL PROTECTIVE EQUIPMENT**

Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Long-sleeved shirt, long pants, shoes and socks, and chemical resistant gloves made of any waterproof material such as latex or nitrile or polyvinyl chloride.
Respiratory:	Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

**SECTION 9. PHYSICAL AND CHEMICAL DATA**

Appearance:	Off-white viscous liquid.
Odor:	No appreciable odor.
pH:	6.0 – 6.5
Vapor Pressure:	$1.5 \times 10^{-9}$ mmHg @ 20C
Vapor Density (Air = 1):	Not available.
Boiling Point:	Not available.
Freezing Point:	Not available.
Water Solubility:	Dispersible.
Density:	8.35 lbs./gal.
Evaporation Rate:	Not available.
Viscosity:	Not available.
% Volatile by Vol.:	Not available.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

**SECTION 10. STABILITY AND REACTIVITY**

Stability:	Stable.
Conditions To Avoid:	Avoid temperatures above 100°F (38° C) for prolonged period of time. Strong exothermal reaction can occur above 390°F (200°C).
Incompatibility:	None known.
Hazardous Decomposition Products:	Hydrogen chloride, oxides of nitrogen and carbon.
Hazardous Polymerization:	Will not occur.

**SECTION 11. POTENTIAL HEALTH EFFECTS**Acute Effects:

Eyes:	Mildly irritating.
Skin:	Slightly irritating. Dermal LD <sub>50</sub> (rat): > 2,000 mg/kg.
Ingestion:	May cause irritation of the gastrointestinal tract following ingestion of large amounts. Oral LD <sub>50</sub> (rat): > 4,500 mg/kg.
Inhalation:	> 5.0 mg/L.

Subchronic Effects: None known.

Chronic Effects: None known.

**SECTION 12. ECOLOGICAL INFORMATION**

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Highly toxic.
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not known.

**SECTION 13. DISPOSAL**

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

**SECTION 14. TRANSPORTATION**

D.O.T.:	Not D.O.T. Regulated.
Other Shipping Description:	Insecticides or Fungicides, Liquid. NMFC Item 102120, LTL Class 60

**SECTION 15. REGULATORY INFORMATION**

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: None.

Proposition 65: None.

**SECTION 16. OTHER**

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.