



HOUSEPLANT INSECT SPRAY

MATERIAL SAFETY DATA SHEET

Date Issued: 06/2013

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HOUSEPLANT INSECT SPRAY

PRODUCT DESCRIPTION: A Water-Based Ready-to-Use House & Garden Spray.

PRODUCT CODE: 021321, EPA REG. NO. : 1021-1715-54705

ACTIVE INGREDIENT(S): Permethrin; Tetramethrin (NEO-PYNAMIN®)

DISTRIBUTED BY:

Lawn and Garden Products, Inc.

P.O. Box 35000

Fresno, CA 93745-5000

www.montereylawnngarden.com

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

For information regarding MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day at 1-888-740- 8712.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: CAUTION. Harmful if absorbed through the skin. Avoid contact with skin, eyes, and clothing.

POTENTIAL HEALTH EFFECTS

EYES: May cause temporary irritation, tearing, and blurred vision.

SKIN: Can cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).

SKIN ABSORPTION: Harmful if absorbed through the skin.

INGESTION: May be harmful if swallowed in large amounts.

INHALATION: Excessive inhalation of mists can cause nasal and respiratory irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: None known.

COMMENTS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Permethrin	0.2	052645-53-1	258-067-9
Tetramethrin (NEO-PYNAMIN®)	0.2	007696-12-0	231-711-6
Aromatic Petroleum Distillates	< 1	064742-95-6	265-199-0

COMMENTS: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

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.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give **any** liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

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

NOTES TO PHYSICIAN: For skin effects, a highly efficient therapeutic agent for pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 93.3°C (200°F) TAG Closed Cup

FLAMMABLE CLASS: This product is NOT classified as flammable or combustible by OSHA.

EXTINGUISHING MEDIA: Use water spray, foam, carbon dioxide or dry chemical.

HAZARDOUS COMBUSTION PRODUCTS: This product is classified as Non-combustible, however in the extreme temperatures that fires may produce, some of the constituents of this formula may combust to give off toxic gases such as carbon dioxide, carbon monoxide, nitrogen oxides, Hydrogen Chloride, and Chlorine gas.

FIRE FIGHTING PROCEDURES: Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent such as sand, or vermiculite. Clean spill area of residues and absorbent.

LARGE SPILL: Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to

reduce vapors. Collect product into drums, storage tanks, etc., via drains, pumps, etc. Absorb with appropriate absorbent such as sand or vermiculite. Clean spill area of residues and absorbent.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Contains pyrethroids which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and federal/national regulations.

7. HANDLING AND STORAGE

HANDLING: Take prudent precautions to avoid contact with skin, eyes, and clothing. Mechanical ventilation should be used when handling this product in enclosed spaces. Do not contaminate water, food or feedstuffs, by storage, handling, or by disposal. Read and observe all precautions and instructions on the label.

STORAGE: Store in a cool, dry place. Keep container closed.

KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Permethrin	TWA	None		None			10
Tetramethrin (NEO-PYNAMIN®)	TWA	None		None		None	
Aromatic Petroleum Distillates	TWA	None		None		50 [1]	[1]
OSHA TABLE COMMENTS:							
1. Total hydrocarbon, based on composition.							

ENGINEERING CONTROLS: Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Take prudent precautions to avoid contact with eyes.

SKIN: Take prudent precautions to avoid contact with skin and clothing.

WORK HYGIENIC PRACTICES: DO NOT SMOKE, EAT, OR DRINK, OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking, or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slight odor of petroleum distillates.

APPEARANCE: Milky emulsion.

COLOR: White

pH: 5.72

VAPOR DENSITY: Heavier than air.

FREEZING POINT: Not Available

FLASHPOINT AND METHOD: > 93.3°C (200°F) TAG Closed Cup

SOLUBILITY IN WATER: Partially miscible in water.

SPECIFIC GRAVITY: 1.002 (Water = 1) at 20°C (68°F)

VISCOSITY #1: 7 CPS at 25°C (77°F) Brookfield

(VOC): < 1.000 %

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Not compatible with strong acids or bases. Not compatible with strong oxidizers.

11. TOXICOLOGICAL INFORMATION**ACUTE**

DERMAL LD₅₀: > 2.0 gm/kg

Notes: Albino rabbit.

ORAL LD₅₀: > 5.0 gm/kg

Notes: Albino rat.

INHALATION LC₅₀: > 3.78 mg/L

Notes: Rats exposed for 4 hours to test atmosphere.

EYE EFFECTS: Irritation clearing in 72 hours.

SKIN EFFECTS: Very slight irritation at 72 hours. Produced a primary skin irritation index of 0.34 in albino rabbits.

SENSITIZATION: Negative; Not considered to be a dermal sensitizer to albino guinea pigs.

GENERAL COMMENTS: The above toxicity data was bridged from the insecticide concentrate, that is used in the manufacture of this end-use product.

COMMENTS: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Environmental data not available for this product.

ECOTOXICOLOGICAL INFORMATION: This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate.

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHOD:**

IF EMPTY: Do not reuse this container. Place in trash or offer for recycling if available. IF PARTLY FILLED: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

RCRA/EPA WASTE INFORMATION: None of the ingredients in this product appear on the RCRA lists (40 CFR 261.24, 40CFR 251.33) or CERCLA Hazardous Substance list (40 CFR Part 302 Table 302.4)

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PRIMARY HAZARD CLASS/DIVISION: Non-Hazardous

OTHER SHIPPING INFORMATION: This material is considered to be NON-HAZARDOUS by DOT regulations.

AIR (ICAO/IATA)

PRIMARY HAZARD CLASS/DIVISION: Non-Hazardous

NOTE: Not considered hazardous by IATA regulations for transportation via air.

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Available

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes

313 REPORTABLE INGREDIENTS: This product contains no SARA Title III Section 313 chemicals that exceed the reporting limits.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

There are no components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4) in this formulation.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All chemical substances found in this product comply with the Toxic Substances Control Act's inventory reporting requirements.

REGULATIONS**STATE REGULATIONS**

VOLATILE ORGANIC COMPOUNDS (VOC): This product contains less than 1% VOC's.

16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 3 This MSDS replaces the October 25, 2004 MSDS. Any changes in information are as follows: In Section 2 Emergency Overview - Immediate Concerns Potential Health Effects - Eyes Potential Health Effects - Skin Potential Health Effects - Ingestion In Section 7 Handling Storage Electrostatic Accumulation Hazard General Procedures In Section 8 Respiratory Protection In Section 9 (Group Field) for Vapor Pressure (Group Field) for Melting Point Specific Gravity Method Specific Gravity °F Specific Gravity °C (Group Field) for Evaporation Rate In Section 11 Inhalation LC50 (Value) Inhalation LC50 (Operator) In Section 12 Ecotoxicological Information.

HMIS RATING

HEALTH:	1	1	1
FLAMMABILITY:	1	1	1
PHYSICAL HAZARD:	1	1	1
PERSONAL PROTECTION:			

HMIS RATINGS NOTES: We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he or she must ensure that the proper Personal Protective Equipment is provided, consistent with the information contained in Section's 7 and 8 of this MSDS.

COMMENTS: The data contained herein are based on information currently available to Lawn and Garden Products, Inc. and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which Lawn and Garden Products, inc. assumes legal responsibility.