



MATERIAL SAFETY DATA SHEET

HMIS:

Health- 2 Flammability- 3 Reactivity- 0 Pers. Protection- N

WHMIS: B 5

NFPA:

Health- 2 Flammability- 3 Reactivity- 0 Special Hazard- N

Section 1: Product and Company Identification

Product: Nilotron Metered Flying Insect Spray

Synonyms:

NILODOR, INC.

10966 INDUSTRIAL PARKWAY NW  
BOLIVAR, OHIO 44612, USA

Non-Emergency:

US 800-443-4321

International 010-330-874-1017

24 hr Emergency Spill Information:

Chem-Tel, Inc.

US, Canada: 800-255-3924. International:  
1-813-248-0584

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Colourless or pale yellow liquid in aerosol can

Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : R 12: Contains compressed gas

Health Hazards Listed : Can irritate eyes and skin

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Inhalation

Eye: Direct exposure can irritate

Skin: Repeated exposure may dry

Ingestion: Unlikely due to form. Aspiration of liquid portion could cause chemical pneumonitis and nausea.

Inhalation: May cause dizziness, headache, asphyxia

Medical Conditions Aggravated By Exposure:

Allergies to fragrances

Target Organs: None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: (See section 12 for more information.)

None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Isobutane / Propane Blend	75-28-5 / 74-98-6	35-45	N

Pyrethrum	8003-34-7	0.1 - 1.0	N
Piperonyl Butoxide	51-03-6	1 - 5	N
n-Octyl Bicycloheptenedicarboximide	113-48-4	1 - 5	N
Petroleum Distillates	8052-41-3	30 - 50	Y

#### Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water. Consult physician if irritation persists.
Skin Contact:	Remove all contaminated clothing. Wash with soap and water for at least 15 minutes. Consult a physician.
Inhalation:	Remove to fresh air. Apply artificial respiration if needed.
Ingestion:	Not applicable due to form. If liquid or sprayed material is ingested, DO NOT induce vomiting or give liquids. Call physician or poison control center immediately.

Note to Physicians:

#### Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Water spray, foam, dry chemical, carbon dioxide. HAZCHEM CODE 3 Y
Unsuitable Extinguishing Media:	None known
Products of Combustion:	Oxides of carbon and nitrogen
Protection of Firefighters:	Cans can burst if heated above 50°C/122°F. Recommend full protective gear including self-contained breathing apparatus. May spray cans to cool & reduce probability of bursting.

#### Section 6. Accidental Release Measures

Personal Precautions:	Do not puncture or incinerate cans. Keep below 50°C/122°F
Environmental Precautions:	Keep liquids out of surface waters and sewers.
Methods for Containment:	Individual containers are low volume. No special measures
Methods for Clean-Up:	Gather up scattered cans after any breached cans have finished discharging. Absorb discharge on sand, clay or other suitable material.
Other Information:	HAZCHEM CODE 3 Y

#### Section 7. Handling and Storage

##### HANDLING

Use as directed. Do not remove cap until ready to insert in dispenser. Do not puncture or incinerate "Empty" container. Keep below 50°C/122°F.

##### STORAGE

KEEP OUT OF REACH OF CHILDREN. Keep below 50°C/122°F. Storage in original box until ready to insert in dispenser is advised.

#### Section 8. Exposure Controls/Personal Protection

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Isobutane / Propane Blend	1000 ppm	Simple asphyxiant
Pyrethrum	5 mg/cubic meter	Not determined
Piperonyl Butoxide	None Established	7500 mg/kg
n-Octyl Bicycloheptenedicarboximide	None Established	4220 mg/kg
Petroleum Distillates	100 ppm	1000 mg/kg
Engineering Controls:	Normal ventilation	

Eye/Face Protection: Not needed when can is installed in dispenser. Safety glasses with side shields if discharging out of dispenser.

Skin Protection: Not needed when can is installed in dispenser. Neoprene gloves may be used if discharging out of dispenser.

Respiratory Protection: Not normally needed due to small quantities discharged. If vapor concentration exceeds TLV, use respirator for organic vapor.

General Hygiene Considerations: Keep away from food and beverages.

#### Section 9. Physical and Chemical Properties

Color: Dispersed as fine colorless to pale yellow mist	Odor: Described by primary manufacturer as lime. Typical insecticide odor.
Physical State: Liquid and compressed gas in aerosol can	Odor Treshhold:
pH: Not applicable - non-aqueous	Freezing Point: Not determined
Evaporation Rate: Not determined	Boiling Point: Not applicable
Flash Point: Can can burst on prolonged exposure to temperatures of 55°C/130°F or higher, releasing flammable material	Flammability(solid,gas): Contents flammable. Product not a "Flammable Aerosol" as defined by IMO/ICAO
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure: PSIG @70F (Aerosols): 70-80	Specific Gravity: Not applicable. Liquid portion approximately 6.59 Lb. Av. per U.S. Gallon at 20°C/68°F. (0.8 kg/L)
Vapor Density: Greater than air	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight: Less than 24% by weight	Solubility (water): Insoluble
	Percent Volatile: Less than 24% by weight

#### Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Temperatures above 50°C/122°F, Direct sunlight, open flame, welding

Incompatable Materials: Acids, Alkalis

Hazardous Decomposition Products: CO, CO2

Possibility of Hazardous Reactions: Will not occur

#### Section 11. Toxicology Information

##### ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average of liquid portion more than 950 mg/kg.
Dermal LD50:	Not determined for mixture. Weighted average of liquid portion more than 1000 mg/kg.
Inhalation:	Not determined for mixture. Weighted average more than 20 milligrams per Liter.
Eye Irritation:	Can irritate eyes if sprayed directly into eyes.
Skin Irritation:	Prolonged exposure to expelled liquid may result in irritation
Sensitization:	None known

##### CHRONIC EFFECTS

Carcinogenicity:	None
Mutagenicity:	None
Reproductive Effects:	None
Developmental Effects:	None

Section 12. Ecological Information

Ecotoxicity: None known  
Persistence/Degradability: Biodegradable  
Bioaccumulation/Accumulation: Not significant  
Mobility in Enviroment: Not applicable due to mode of use

Section 13. Disposal Considerations

Disposal: Do not puncture or incinerate. Follow local regulations

Section 14. Transportation Information

US DOT (ground)  
Proper Shipping Description: Consumer Commodity - ORM-D  
CANADA TDG (ground)  
Proper Shipping Description: Commodity - ORM-D  
ICAO (air)  
Proper Shipping Description: UN 1950,Aerosols, non-flammable, Class 2.2, LTD QTY  
IMDG (water)  
Proper Shipping Description: UN 1950,Aerosols, non-flammable, Class 2.2, EMS- F-D, S-U, LTD QTY

Section 15. Regulatory Information

Global Inventories

TSCA: United States	Included
DSL: Canada	Included
ECL: Korea	Not-Known
PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : No Sara 313 Listed substances present at reportable levels

California Safe Drinking Water and Toxic Enforcement Act pf 1986 :(Proposition 65)

No Proposition 65 Listed substences present

WHMIS: Canadian Workplace Hazardous Material Information System

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Section 16. Other Information

EPA Registration 10807-44-27053 EPA Establishment No. 10807-GA-1

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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