



MATERIAL SAFETY DATA SHEET

HMIS:

Health- 1 Flammability- 3 Reactivity- 1 Pers. Protection- N

NFPA:

Health- 1 Flammability- 3 Reactivity- 1 Special Hazard- N

WHMIS: B 5

Section 1: Product and Company Identification

**Product: Nilotron
Aerosols, Metered**
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 Extremely flammable. Contains flammable liquids
and pressurized gas.

Health Hazards Listed : May be mild irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Skin, eyes

Eye: May irritate

Skin: Repeated exposure may dry

Ingestion: Unlikely due to form

Inhalation: May cause dizziness

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 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 |
|--------------------------------|-------------|--------------------|-------------------------|
| Butane | 106-97-8 | 5-10 | Y |
| 2-Propanone | 67-64-1 | 15-40 | Y |
| Propane | 74-98-6 | 15-40 | Y |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | 10 - 30 | Y |
| Trade Secret Fragrance Mixture | None | 1 - 5 | N |

Section 4. First Aid Measures

Eye Contact: Flush eyes with copious amounts of clean water. Consult physician if irritation persists.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air. Apply artificial respiration if needed.

Ingestion: Not applicable due to form.

Note to Physicians:

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water, fog, dry chemical, carbon dioxide.
HAZCHEM CODE 3 Y

Unsuitable Extinguishing Media: None known

Products of Combustion: Oxides of carbon and nitrogen
Cans can burst if heated above 55°C.

Protection of Firefighters: 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 55°C

Environmental Precautions: No special measures

Methods for Containment: Individual containers are low volume. No special measures

Methods for Clean-Up: Gather up cans after any punctured cans have finished discharging. Absorb any discharged liquid with 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.

STORAGE

Keep out of reach of children. Keep below 55°C. Storage in original box until ready to insert in dispenser is advised.

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

| COMPONENT: | TWA: | LD-50 |
|--------------------------------|------------------|-------------------|
| Butane | 1000 ppm | Simple asphyxiant |
| 2-Propanone | 500 ppm | 5800 mg/kg |
| Propane | 1000 ppm | Simple asphyxiant |
| 2-(2-Ethoxyethoxy)ethanol | None established | 6500 mg/kg |
| Trade Secret Fragrance Mixture | None established | Not determined |

Engineering Controls: Normal ventilation

Eye/Face Protection: Not needed when can is installed in dispenser

Skin Protection: Not needed when can is installed in dispenser

Respiratory Protection: Not normally needed

General Hygiene Considerations: No special precautions

Section 9. Physical and Chemical Properties

Color: Dispersed as fine colorless to pale yellow mist Odor: Varies with specific product

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

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| Flash Point: Can burst on prolonged exposure to temperatures of 55°C 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 Flammability Limit: Not determined |
| Vapor Pressure: Greater than 760 torr (> 100 kPa) | Specific Gravity: Not applicable |
| Vapor Density: Greater than air | Auto-ignition Temperature: Not determined |
| Volatile Organic Compound (VOC),%weight: 95, including 2-propanone | Solubility (water): Insoluble Percent Volatile: 95 |

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| Section 10. Stability and Reactivity |
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Stability: Stable

Conditions to Avoid: Temperatures above 55°C, Direct sunlight

Incompatible Materials: Not applicable

Hazardous Decomposition Products: Not applicable

Possibility of Hazardous Reactions: Extremely improbable

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| Section 11. Toxicology Information |
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ACCUTE EFFECTS

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| Oral LD50: | Not determined for mixture. Product is dispersed in small quantities of fine mist; Liquid portion weighted average more than 2500 mg/kg. |
| Dermal LD50: | Not determined for mixture. Product is dispersed in small quantities of fine mist; Liquid portion weighted average more than 2500 mg/kg. |
| Inhalation: | Not determined for mixture. Dispersed in intermittent small metered quantities. Weighted average more than 6 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

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| Carcinogenicity: | None |
| Mutagenicity: | None |
| Reproductive | None |

Effects:

Developmental
Effects: None

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| Section 12. Ecological Information |
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Ecotoxicity: None known
Persistence/Degradability: Biodegradable
Bioaccumulation/Accumulation: Not significant
Mobility in Environment: Not applicable due to mode of use

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| Section 13. Disposal Considerations |
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Disposal: Do not puncture or incinerate. Follow local regulations

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| Section 14. Transportation Information |
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US DOT (ground)
Proper Shipping Description: Consumer Commodity - ORM-D
CANADA TDG (ground)
Proper Shipping Description: Aerosols, non-flammable, Class 2.2, UN1950,
Limited Quantity
ICAO (air)
Proper Shipping Description: Aerosols, non-flammable, Class 2.2, UN1950,
Limited Quantity
IMDG (water)
Proper Shipping Description: Aerosols (Each not more than 1 L capacity) Class
2 UN1950, Limited Quantity

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| Section 15. Regulatory Information |
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Global Inventories

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| 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 of 1986
:(Proposition 65)

No Proposition 65 Listed substances present

WHMIS: Canadian Workplace Hazardous Material Information System

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| Section 16. Other Information |
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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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