



MATERIAL SAFETY DATA SHEET

HMIS: Health- 1 Flammability- 4 Reactivity- 0 Pers. Protection- B
 WHMIS: B 5

NFPA: Health- 1 Flammability- 4 Reactivity- 0 Special Hazard- N

Section 1: Product and Company Identification

Product: Nilotron Aerosols, Metered
 NILODOR, INC.
 10966 INDUSTRIAL PARKWAY NW
 BOLIVAR, OHIO 44612, USA

Synonyms:
 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
Protection of Firefighters:	Cans can burst if heated above 55°C. 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
Flash Point: Can 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 Flammabilty 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

Section 10. Stability and Reactivity

Stability: Stable
Conditions to Avoid: Temperatures above 55°C, Direct sunlight
Incompatable Materials: Not applicable
Hazardous Decomposition Products: Not applicable
Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information

ACCUTE EFFECTS

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

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: Consumer Commodity – ORM–D

ICAO (air)

Proper Shipping Description: UN1950, Aerosols, non–flammable, Class 2.2, Limited Quantity

IMDG (water)

Proper Shipping Description: UN 1950, Aerosols (Each not more than 1 L capacity) Class 2.2, Limited Quantity, EMS F–D, S–U

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 of 1986 :(Proposition 65)

No Proposition 65 Listed substances present

WHMIS: Canadian Workplace Hazardous Material Information System

B 5

Section 16. Other Information

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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