



MATERIAL SAFETY DATA SHEET

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

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

Section 1: Product and Company Identification

Product: Foaming Pet Stain & Odor Remover

Synonyms:

NILODOR, INC.

10966 INDUSTRIAL PARKWAY NW
 BOLIVAR, OHIO 44612, USA

Non-Emergency:
 US 800-443-4321

24 hr Emergency Spill Information:
 Chem-Tel, Inc.

International 010-330-874-1017

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

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Liquid under pressurized gas in steel can
 Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : R 12 Extremely flammable. Contains pressurized gas.

Health Hazards Listed : May be a mild irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Skin, eyes

Eye: Direct exposure can irritate

Skin: Prolonged exposure can irritate

Ingestion: Not expected to be a problem

Inhalation: Not likely to be a problem

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
Propane	74-98-6	1 - 5	Y

Butane	106-97-8	3 - 7	Y
Ethanol	64-17-5	0.1 - 1	Y
Dipropylene Glycol	25265-71-8	1 - 5	N
Water	7732-18-5	80 - 100	N

Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.
Skin Contact:	Wash with soap and water.
Inhalation:	Remove to fresh air.
Ingestion:	Give water or milk to drink if conscious.
Note to Physicians:	

Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Carbon dioxide, dry chemical. Water spray may be used to cool cans to reduce risk of bursting. HAZCHEM CODE 3 [Y]
Unsuitable Extinguishing Media:	None known
Products of Combustion:	Oxides of carbon and nitrogen.
Protection of Firefighters:	Try to keep cans below 50°C/120°F

Section 6. Accidental Release Measures

Personal Precautions:	Keep away from skin and eyes
Environmental Precautions:	Keep spray or punctured cans out of surface waters
Methods for Containment:	Not applicable: if cans rupture or are punctured, contents will rapidly evaporate
Methods for Clean-Up:	Gather up scattered cans after any punctured cans have finished discharging. Absorb any discharge on sand, clay, or other suitable material or mop with water.
Other Information:	Do not puncture or incinerate cans.

Section 7. Handling and Storage

HANDLING

Reasonable care. Avoid puncturing cans; keep spray away from skin and eyes.

STORAGE

Keep out of the reach of children. Store in original cartons at temperatures not more than 55°C/130°F

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Propane	TLV 1000 ppm	Simple asphyxiant
Butane	TLV 1000 ppm	Simple asphyxiant
Ethanol	1000 ppm	7060 mg/kg
Dipropylene Glycol	None Established	14800 mg/kg
Water	None established	Not applicable

Engineering Controls: Normally not necessary

Eye/Face Protection: Be careful not to spray in direction of face. Protective goggles recommended if handling large quantities

Skin Protection: Avoid spraying on skin. Rubber or other protective gloves recommended if handling large quantities.

Respiratory Protection: Not normally necessary.

General Hygiene Considerations: Keep spray out of food and beverages

Section 9. Physical and Chemical Properties

Color: Colourless to pale yellow. Foams when sprayed onto surface.

Odor: Little if any.

Physical State: Liquid under compressed gas in steel can

Odor Treshhold:

pH: Liquid fraction 7 - 8

Freezing Point: Not determined

Evaporation Rate: Not determined.

Boiling Point: Not applicable. Cans can burst if heated to temperatures above 55°C/130°F.

Flash Point: Not applicable. Cans can burst if heated to temperatures above 55°C/130°F.

Flammability(solid,gas): Classified as a ""Non-Flammable Aerosol"". Contents flammable due to presence of propellant gas.

Upper Flammability Limit: Not determined

Lower Flammabilty Limit: Not determined

Vapor Pressure: Greater than 760 Torr at 20°C/68°F

Specific Gravity: Not applicable.

Vapor Density: Not determined

Auto-ignition Temperature: Not determined

Volatile Organic Compound (VOC),%weight:

Solubility (water): Insoluble

< 15 including propellant

Percent Volatile: 80 - 100

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Temperatures above 55°C/130°C

Incompatable Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50: Not determined for mixture. Liquid portion weighted average more than 40 grams per kilogram, rat.

Dermal LD50: Product dispersed as fine mist. Liquid portion weighted average more than 40 grams per kilogram, rabbit.

Inhalation: Not determined for mixture. Weighted average more than 30 milligrams per liter.

Eye Irritation: Direct contact can irritate eyes

Skin Irritation: Prolonged direct contact with spray can dry or irritate skin

Sensitization: None known

CHRONIC EFFECTS

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

Section 12. Ecological Information

Ecotoxicity: None known

Persistence/Degradability: None known

Bioaccumulation/Accumulation: None known

Mobility in Enviroment: Not determined

Section 13. Disposal Considerations

Disposal: Do not puncture or incinerate cans. Dispose according to Federal, State and 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, LTD QTY

IMDG (water)

Proper Shipping Description: UN1950, 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 substances present at reportable levels

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

No Proposition 65 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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