



SAFETY DATA SHEET

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

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

Section 1: Product and Company Identification

Product: Nilotron Hand-Held Aerosol-All Fragrances
Synonyms: Nilotron Aerosols, hand-held

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 +01-330-874-1017

US, Canada: 800-255-3924. International:
+01-813-248-0585

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Liquid under pressurized gas in steel can



WARNING

Flammability : R 12 Extremely flammable. Contains flammable liquids and pressurized gas.

Health Hazards Listed : May be a mild irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Risk Phrases: R5 - Heating may cause an explosion
R10 - Flammable
R44 - Risk of explosion if heated under confinement

Safety Phrases: S2 - Keep out of the reach of children
S16 - Keep away from sources of ignition - No smoking
S33 - Take precautionary measures against static discharges

Hazard Phrases: H221 - Flammable gas
H240 - Heating may cause an explosion
H280 - Contains gas under pressure, may explode if heated

Precautionary Phrases: P235 - Keep cool.

P251 - Pressurized container: Do not pierce or burn, even after use.

P272 - Contaminated work clothing should not be allowed out of the workplace.

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.

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	10-15	Y	
Trade Secret Fragrance Mixture	None	1-3	N	
Propane	74-98-6	15-20	Y	Y
2-Propanone	67-64-1	65-75	Y	

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

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 breached cans have finished discharging. Absorb discharge on sand, clay or other suitable material.
 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
Butane	TLV 1000 ppm	Simple asphyxiant
Trade Secret Fragrance Mixture	None established	Not determined
Propane	TLV 1000 ppm	Simple asphyxiant
2-Propanone	TLV 500 ppm	5800 mg/kg

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	Odor: Varies with specific fragrance
Physical State: Liquid and compressed gas in steel can	Odor Treshhold:
pH: Not applicable	Freezing Point: Not determined
Evaporation Rate: Not determined.	Boiling Point: N/A
Flash Point: N/A	Flammability(solid,gas): Not classified as a "Flammable Aerosol". Contents very flammable.
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure:	Specific Gravity: Not applicable. Net contents 404 g in steel can with nominal capacity of 600 mL
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): 2-Propanone is soluble; Propane, Butane, fragrances are insoluble
< 30% CARB VOC for aerosol	Percent Volatile: 95 % included propellant (some propellant is VOC exempt)

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid:

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. Product is dispersed as fine mist; ingestion is essentially impossible. Liquid portion more than 4 g/kg.

Dermal LD50: Product dispersed as fine mist. Significant skin contact essentially impossible.
Liquid portion more than 5 g/kg.

Inhalation: Weighted average more than 25 milligrams per Liter.

Eye Irritation: Direct contact can irritate eyes

Skin Irritation: Prolonged or repeated contact with spray can irritate or dry 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
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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: 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 substances present at reportable levels

California Safe Drinking Water and Toxic Enforcement Act pf 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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