



## SAFETY DATA SHEET

## HMIS:

Health- 1 Flammability- 3 Reactivity- 0 Pers.  
Protection- B

## NFPA:

Health- 1 Flammability- 3 Reactivity- 0 Special Hazard-  
N

WHMIS: B 5

## Section 1: Product and Company Identification

Product: Nilotron Micro Aerosol- all  
fragrances

Synonyms:

HOSPECO

10966 INDUSTRIAL PARKWAY NW  
BOLIVAR, OHIO 44612, USA

Non-Emergency:

US 800-443-4321

International +01-330-874-1017

24 hr Emergency Spill Information:

Chem-Tel, Inc.

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

## Section 2. Hazards Identification

## EMERGENCY OVERVIEW

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



## 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.

## 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:

H223 - Flammable aerosol

H240 - Heating may cause an explosion

## Precautionary Phrases:

P235 - Keep cool.

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

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.

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

None known

## Section 3. Composition/Information on Ingredients

| Component                      | CAS#     | % by Weight | WHMIS<br>Controlled |   |
|--------------------------------|----------|-------------|---------------------|---|
| Butane                         | 106-97-8 | 5-10        | Y                   | Y |
| 2-Propanone                    | 67-64-1  | 15-40       | Y                   |   |
| Propane                        | 74-98-6  | 15-40       | 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 |
| 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: 14.4                                   | Boiling Point: 56.1 C / 133F  |
| Flash Point: Not applicable                              | 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: 0.815-0.825 g/ml  |
| Vapor Density: Greater than air                          | Auto-ignition Temperature: Not determined   |
| Volatile Organic Compound (VOC),%weight:                 | Solubility (water): Insoluble   |
| 95, including 2-propanone                                | Percent Volatile: 29.5%   |

## Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid:

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 Environment: 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, flammable Class 2.1, Limited Quantity  
 IMDG (water)  
 Proper Shipping Description: UN 1950, Aerosols, flammable, Class 2.1, 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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