



## SAFETY DATA SHEET

HMIS:

Health- 1 Flammability- 4 Reactivity- 0 Pers.  
Protection- B

NFPA:

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

WHMIS: B 5

## Section 1: Product and Company Identification

Product: Nil-O-Smoke

Synonyms: Smoke Eliminator

HOSPECO

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:

H223 - Flammable aerosol

H240 - Heating may cause an explosion

Precautionary Phrases:

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P235 - Keep cool.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

Likely Routes of Exposure: Skin, inhalation, eyes

Eye: Direct exposure can irritate  
 Skin: Prolonged exposure can irritate  
 Ingestion: Not expected to be a problem  
 Inhalation: Overexposure may cause irritation

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
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Component	CAS#	% by Weight	WHMIS Controlled
2-Propanone	67-64-1	60-100	Y
Deodorizing Fragrance Blend	Proprietary Mixture	1-5	N
n-Butane	106-97-8	15-40	Y
Propane	64-67-1		Y

Section 4. First Aid Measures
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Eye Contact: Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician. **DO NOT WEAR CONTACTS WHILE USING.**

Skin Contact: Wash with soap and water

Inhalation: Remove to fresh air

Ingestion: Do not induce vomiting, seek medical attention immediately.

Note to Physicians:

Section 5. Fire Fighting Measures
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Suitable Extinguishing Media: Foam, carbon dioxide, dry chemical; water fog to keep cans cool.

Unsuitable Extinguishing Media: None known

Products of Combustion: CO, CO<sub>2</sub> is formed during combustion.

Protection of Firefighters: If possible keep cans below 120°F to prevent bursting.

Section 6. Accidental Release Measures
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Personal Precautions: Keep away from skin and eyes. Wear protective gloves. Ventilate the spill area.

Environmental Precautions: Keep out of surface waters

Methods for Containment: Not applicable; unit cans

Methods for Clean-Up: Gather up scattered cans after any breached or activated cans have finished discharging. Absorb discharge on sand, clay or other suitable material.

Other Information: Dispose of in accordance with local, state, and federal regulations.  
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Section 7. Handling and Storage
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**HANDLING**

Reasonable care. Keep away from skin and eyes

**STORAGE**

Keep out of the reach of children. Store in original container at temperatures not more than 50°C/120°F. Store in accordance with NFPA 30B for Level 3 Aerosols.

### Section 8. Exposure Controls/Personal Protection

#### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
2-Propanone	1000 ppm	
Deodorizing Fragrance Blend	NA	NA
n-Butane	800 ppm	NA
Propane	500 ppm	

Engineering Controls: Not normally necessary

Eye/Face Protection: Do not point nozzle in direction of face. Protective goggles if handling large quantities

Skin Protection: Do not point nozzle at skin. Rubber or other protective gloves if handling large quantities

Respiratory Protection: Use in normal ventilated environment

General Hygiene Considerations: Keep out of food and beverages, avoid wearing contacts.

### Section 9. Physical and Chemical Properties

Color: Clear liquid	Odor: Clean, fresh scent
Physical State: Liquid under pressurized gas in steel cans	Odor Treshhold:
pH: Not applicable	Freezing Point: Not determined
Evaporation Rate: 14.4 (estimated)	Boiling Point: 56.1C (133 F) ( of liquid) Cans may burst if exposed to temperatures above 120 F.
Flash Point: Concentrate	Flammability(solid,gas): Not determined
Upper Flammability Limit: Not determined	Lower Flammability Limit: Not determined
Vapor Pressure: NA	Specific Gravity: 0.78-0.81 g/mL
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight: <25%	Solubility (water): Complete in water
	Percent Volatile: <25%

### Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid:

Incompatible Materials: None known

Hazardous Decomposition Products: CO, CO2

Possibility of Hazardous Reactions: Will not occur

### Section 11. Toxicology Information

#### ACCUTE EFFECTS

Oral LD50:	Not determined for mixture.
Dermal LD50:	Not determined for mixture.
Inhalation:	Not determined for mixture.
Eye Irritation:	Direct contact with spray 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 Environment: 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, Flammable Aerosols, Class 2.1, LTD QTY

IMDG (water)

Proper Shipping Description: UN1950, Flammable Aerosols, Class 2.1, 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 : NA

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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