



## 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: Nil-O-Smoke

Synonyms: Smoke Eliminator

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 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.

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
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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.<br /><br />

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 Flammabilty 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:

Incompatable 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 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, 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 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:

SDS for Product: Nil-O-Smoke, Rev. Date: 12 January 2015

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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