



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

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

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

Suitable Extinguishing Media: Foam, carbon dioxide, dry chemical; water fog to keep cans cool.
 Unsuitable Extinguishing Media: None known
 Products of Combustion: CO, CO₂ is formed during combustion.
 Protection of Firefighters: If possible keep cans below 120°F to prevent bursting.

Section 6. Accidental Release Measures

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.

Section 7. Handling and Storage

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:

Solubility (water): Complete in water

<25%

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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