

## MATERIAL 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: Metered Odor Neutralizer- All      Synonyms:  
fragrances

4 STATE MAINTENANCE SUPPLY

503 N. Cline

Coffeyville KS 67337

Non-Emergency:

US 620-251-7033

International

24 hr Emergency Spill Information:

Chem-Tel, Inc.

800-255-3924 Chem-Tel, Inc.

## Section 2. Hazards Identification

## EMERGENCY OVERVIEW

Appearance/Odor:      Colourless or pale yellow liquid in aerosol 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 mild irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

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.

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

Component	CAS#	% by Weight	WHMIS Controlled
Butane	106-97-8	5-10	Y
2-Propanone	67-64-1	15-40	Y
Propane	74-98-6	15-40	Y
2-(2-Ethoxyethoxy)ethanol	111-90-0	10 - 30	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
2-(2-Ethoxyethoxy)ethanol	None established	6500 mg/kg
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                      Odor Treshhold:

can

pH: Not applicable - non-aqueous

Evaporation Rate: Not determined

Flash Point: Can can burst on prolonged exposure to temperatures of 55°C or higher, releasing flammable material

Upper Flammability Limit: Not determined

Vapor Pressure: Greater than 760 torr (> 100 kPa)

Vapor Density: Greater than air

Volatile Organic Compound (VOC),%weight:

95, including 2-propanone

Freezing Point: Not determined

Boiling Point: Not applicable

Flammability(solid,gas): Contents flammable. Product not a "Flammable Aerosol" as defined by IMO/ICAO

Lower Flammability Limit: Not determined

Specific Gravity: Not applicable

Auto-ignition Temperature: Not determined

Solubility (water): Insoluble

Percent Volatile: 95

#### Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Temperatures above 55°C, Direct sunlight

Incompatible 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, non-flammable, Class 2.2, Limited Quantity

IMDG (water)

Proper Shipping Description: UN 1950, Aerosols (Each not more than 1 L capacity) Class 2.2, Limited Quantity, EMS F-D, S-U

Section 15. Regulatory Information
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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
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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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