

## MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

Product Name: 30% VOC Air Freshener (07901, 07902, 07904, 07905, 07906, 07907, 07908, 07909, 07910, 07911, 07913, 07914, 07915, 07916, 07917, 07918, 07919, 07920, 07921, 07922, 07923, 07924, 07925)

Product Use: Deodorizer

WHMIS Class: Class A - Compressed Gas, Class B - Division 5; Flammable Aerosol, Class D - Division 2B

TDG Classification: Consumer commodity (Applicable to containers <1L)

Manufacturer/Supplier: Hospital Specialty Company  
870 Alpha Drive  
Highland Heights, OH 44143 US  
Phone: 440-449-6550  
CHEM-TEL, INC: 1-800-256-3924

| LEGEND<br>HMIS/ NFPA |   | Health       | 1 | 2 |
|----------------------|---|--------------|---|---|
| Severe               | 4 | Flammability | 4 |   |
| Serious              | 3 |              |   | 1 |
| Moderate             | 2 |              |   |   |
| Slight               | 1 |              |   |   |
| Minimal              | 0 |              |   |   |



## SECTION II - HAZARDOUS INGREDIENTS

| Ingredient(s) | CAS #    | WT%      | ACGIH-TLV                     | LC50          | Oral LD50                                                             |
|---------------|----------|----------|-------------------------------|---------------|-----------------------------------------------------------------------|
| Isobutane     | 75-28-5  | 1 - 5    | 1000 ppm - TWA                | 658 mg/4h rat | Not available                                                         |
| Fragrance*    | Mixture  | 1 - 5    | Not established               | Not available | Not available                                                         |
| Butane        | 106-97-8 | 3 - 7    | 1000 ppm - TWA                | 658 mg/4h rat | Not available                                                         |
| Fragrance     | Mixture  | 5 - 10   | Not established               | Not available | Not available                                                         |
| Acetone       | 67-64-1  | 60 - 100 | 500 ppm - TWA; 750 ppm - STEL | 38 mg/4h rat  | 5800 mg/kg rat; 5340 mg/kg rabbit; 3000 mg/kg mouse; 2857 mg/kg human |
| Propane       | 74-98-6  | 7 - 13   | 1000 ppm - TWA                | 658 mg/4h rat | Not available                                                         |

\*This weight range is applicable only to "07918, 07914 & 07909".

## SECTION III - PHYSICAL DATA

|                      |                          |                          |                             |
|----------------------|--------------------------|--------------------------|-----------------------------|
| Belling Point:       | Not available            | Specific Gravity:        | 0.79 (H <sub>2</sub> O = 1) |
| Freezing Point:      | Not available            | Coefficient of Water/Oil | Not available               |
| Vapour Pressure:     | Not available            | Distribution:            |                             |
| Vapour Density:      | Not available            | % Volatile:              | Not available               |
| Solubility in Water: | Partially soluble        | Evaporation Rate:        | Not available               |
| Physical State:      | Gas                      | pH:                      | Not available               |
| Appearance:          | Various coloured aerosol | Viscosity:               | Water thin                  |
| Odour:               | Various                  | Odour Threshold:         | Not available               |

## SECTION IV - FIRE AND EXPLOSION DATA

|                                   |                                                                                                                                                                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flammability:                     | Flammable by WHMIS criteria                                                                                                                                                                                                              |
| Flash Point:                      | -104 °C (-155.20 °F) (Propane) LEL: 2.2 (Propane) UEL: 9.5 (Propane)                                                                                                                                                                     |
| Hazardous Combustion Products:    | May include and are not limited to: Oxides of carbon                                                                                                                                                                                     |
| Autoignition Temperature:         | Not available                                                                                                                                                                                                                            |
| Explosion Data:                   |                                                                                                                                                                                                                                          |
| Sensitivity to Mechanical Impact: | Not available                                                                                                                                                                                                                            |
| Sensitivity to Static Discharge:  | Not available                                                                                                                                                                                                                            |
| Means of Extinction:              | Carbon dioxide, Dry chemical, Foam                                                                                                                                                                                                       |
| Special Fire Hazards:             | Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out. Firefighters should wear a self-contained breathing apparatus. |

## SECTION V - REACTIVITY DATA

|                                      |                                              |
|--------------------------------------|----------------------------------------------|
| Conditions for Chemical Instability: | Stable under recommended storage conditions. |
| Incompatible Materials:              | Acids, Strong oxidizing agents.              |

Reactivity:  
 Hazardous Decomposition  
 Products:

Aerosol containers are unstable at temperatures above 49°C (120.2°F)  
 May include and are not limited to: Oxides of carbon.

## SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

### EFFECTS OF ACUTE EXPOSURE:

Eye: May cause irritation  
 Skin: May cause irritation. May be absorbed through the skin.  
 Inhalation: Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).  
 Ingestion: Not a normal route of exposure. May cause stomach distress, nausea or vomiting

### EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
 Irritancy: May cause eye and skin irritation.  
 Respiratory Tract Sensitization: Non-hazardous by WHMIS criteria.  
 Carcinogenicity: Non-hazardous by WHMIS criteria.  
 Teratogenicity: Non-hazardous by WHMIS criteria.  
 Mutagenicity: Non-hazardous by WHMIS criteria.  
 Reproductive Effects: Non-hazardous by WHMIS criteria.  
 Synergistic Materials: Not available

## SECTION VII - PREVENTATIVE MEASURES

Gloves: Rubber gloves. Confirm with a reputable supplier first.  
 Eye Protection: Wear safety glasses with side shields.  
 Respiratory Protection: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.  
 Other Protective Equipment: As required by employer code.  
 Engineering Controls: General ventilation normally adequate.  
 Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.  
 Waste Disposal: Review federal, provincial, and local government requirements prior to disposal. Do not puncture or incinerate container.  
 Handling Requirements: Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.  
 Storage Requirements: Keep out of reach of children. Do not store at temperatures above 49°C (120.2°F). Keep away from heat, open flames or other sources of ignition.

## SECTION VIII - FIRST AID

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.  
 Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.  
 Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.  
 Ingestion: Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

## SECTION IX - PREPARATION INFORMATION

Effective Date: 01-Jun-2009

Expiry Date: 01-Jun-2012

Prepared By: Deli Tech Laboratories Ltd. (519) 858-5021

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