

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: 30% VOC Air Freshener
Synonym(s): 07901,07902, 07904, 07905, 07906, 07907, 07908, 07909, 07910, 07911, 07913, 07914, 07915, 07916, 07917, 07918, 07919, 07920, 07921, 07922, 07923, 07924, 07925, 07929, 07930, 07931, 07932, 07933, 07934

Product Use: Deodorizer

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

DOT Classification: Aerosols, flammable; Class 2.1 (3); 1950

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

Manufacturer/Supplier: Hospital Specialty Company
26301 Curtiss Wright Parkway
Richmond Heights, OH 44143 US
Phone: 440-449-6550
CHEM-TEL, INC: 1-800-255-3924

| LEGEND HMIS/NFPA | | Health | 2 |
|---------------------|---|---------------------|---|
| Severe | 4 | Flammability | 4 |
| Serious | 3 | Physical Hazard | 1 |
| Moderate | 2 | Personal Protection | B |
| Slight | 1 | | |
| Minimal | 0 | | |



SECTION II - HAZARDOUS INGREDIENTS

| <u>Ingredient(s)</u> | <u>CAS #</u> | <u>Wt%</u> | <u>OSHA PELS</u> | <u>ACGIH-TLV</u> | <u>LC50</u> | <u>Oral LD50</u> |
|----------------------|--------------|------------|------------------|----------------------------------|-----------------|---|
| Propane | 74-98-6 | 7 - 13 | 1000 ppm - TWA | 1000 ppm - TWA | Not available | Not available |
| Acetone | 67-64-1 | 60 - 100 | 1000 ppm - TWA | 500 ppm - TWA; 750 ppm - STEL | Not available | 5800 mg/kg rat; 5340 mg/kg rabbit; 3000 mg/kg mouse; 2857 mg/kg human |
| Fragrance | Mixture | 5 - 10 | Not established | Not established | Not available | Not available |
| Butane | 106-97-8 | 3 - 7 | Not established | 1000 ppm - TWA | Not available | Not available |
| Fragrance * | Mixture | 1 - 5 | Not established | 5 mg/m3 - SKIN | Not available | Not available |
| Isobutane | 75-28-5 | 1 - 5 | Not established | 1000 ppm - TWA | 658 mg/l/4h rat | Not available |

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

SECTION III - PHYSICAL DATA

| | | | |
|-----------------------------|-------------------------|---|----------------|
| Boiling Point: | Not available | Specific Gravity: | 0.79 (H2O = 1) |
| Freezing Point: | Not available | Coefficient of Water/Oil Distribution: | Not available |
| Vapor Pressure: | Not available | % Volatile: | Not available |
| Vapor Density: | Not available | Evaporation Rate: | Not available |
| Solubility in Water: | Partially soluble | pH: | Not available |
| Physical State: | Gas | Viscosity: | Water thin |
| Appearance: | Various colored aerosol | Odor Threshold: | Not available |
| Odor: | Various | | |

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Flammable by WHMIS/OSHA criteria.

Flash Point: -155.20 °F (-104 °C) (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

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| Conditions for Chemical Instability: | Stable under recommended storage conditions. |
| Incompatible Materials: | Acids. Strong oxidizing agents. |
| Reactivity, and Under What Conditions: | Aerosol containers are unstable at temperatures above 49°C (120.2°F). |
| Hazardous Decomposition Products: | 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:

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| 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:

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| 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/OSHA criteria. |
| Carcinogenicity: | Non-hazardous by WHMIS/OSHA criteria. |
| Teratogenicity: | Non-hazardous by WHMIS/OSHA criteria. |
| Mutagenicity: | Non-hazardous by WHMIS/OSHA criteria. |
| Reproductive Effects: | Non-hazardous by WHMIS/OSHA criteria. |
| Synergistic Materials: | Not available |

SECTION VII - PREVENTATIVE MEASURES

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| 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

| | |
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| 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

Issue Date: 14-Sep-2010

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

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