

# 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  
670 Alpha Drive  
Highland Heights, OH 44143 US  
Phone: 440-449-6550  
CHEM-TEL, INC: 1-800-255-3924

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/	2
Flammability		4
Physical Hazard		
Personal Protection		B



## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Isobutane	75-28-5	1 - 5	1000 ppm - TWA	658 mg/l/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/l/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	39 mg/l/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/l/4h rat	Not available

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

## SECTION III - PHYSICAL DATA

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

## SECTION IV - FIRE AND EXPLOSION DATA

<b>Flammability:</b>	Flammable by WHMIS criteria.		
<b>Flash Point:</b>	-104 °C (-155.20 °F) (Propane)	<b>LEL:</b> 2.2 (Propane)	<b>UEL:</b> 9.5 (Propane)
<b>Hazardous Combustion Products:</b>	May include and are not limited to: Oxides of carbon.		
<b>Autoignition Temperature:</b>	Not available		
<b>Explosion Data:</b>			
<b>Sensitivity to Mechanical Impact:</b>	Not available		
<b>Sensitivity to Static Discharge:</b>	Not available		
<b>Means of Extinction:</b>	Dry chemical. Water spray. Foam.		
<b>Special Fire Hazards:</b>	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

<b>Conditions for Chemical Instability:</b>	Stable under recommended storage conditions.
<b>Incompatible Materials:</b>	Acids. Strong oxidizing agents.

**Reactivity:** 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.

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## SECTION VI - TOXICOLOGICAL PROPERTIES

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**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:** 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

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## SECTION VII - PREVENTATIVE MEASURES

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**Gloves:** Rubber gloves. Confirm with a reputable supplier first.  
**Eye Protection:** Safety glasses  
**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.

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## 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. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

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## SECTION IX - PREPARATION INFORMATION

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**Effective Date:** 01-Jun-2006

**Expiry Date:** 01-Jun-2009

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

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