

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		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>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

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

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: 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:

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

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Expiry Date: 01-Jun-2012

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

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