

## Metered Aerosol Products - All Fragrances

**MATERIAL SAFETY DATA SHEET**

Effective Date: 15 August 2000

## SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: Metered Aerosol Products - All Fragrances

Product Usage: Air Freshener

WHMIS Class: Class B - Division 5; Flammable aerosol  
Class D - Division 2B; Class A - Compressed gas

T.D.G. Classification: Consumer Commodity

Manufacturer Name and Address:

Technical Concepts  
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MSDS Prepared by:

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HEALTH	1
FLAMMABILITY	3
REACTIVITY	1
PERSONAL PROTECTION	

## SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS#	Wt%	ACGIH-TLV	LC <sub>50</sub>	LD <sub>50</sub>
Dipropylene glycol	25265-71-8	7-13	Not available	Not available	14800 mg/kg oral, rat
Ethanol	64-17-5	7-13	1000 ppm TWA	31623 ppm 4 h, rat	7060 mg/kg oral, rat
Diethylene glycol ethyl ether	111-90-0	3-7	50 ppm C	Not available	5500 mg/kg oral, rat
Essential oils	Mixture	1-5	Not available	Not available	Not available
Hexylene glycol	107-41-5	7-13	25 ppm C	Not available	3700 mg/kg oral, rat
2-Propanol	67-63-0	7-13	400 ppm TWA	16971 ppm 4 h, rat	4710 mg/kg oral, rat
Propane	74-98-6	10-30	2500 ppm TWA	Not available	Not available
Butane	105-97-8	10-30	800 ppm TWA	658 mg/m <sup>3</sup> 4 h rat	Not available

## SECTION III - PHYSICAL DATA

Boiling Point (°C): Not available  
 Pressure in Cylinder (kPa @ 21 °C): 537-551  
 Vapour Density (Air = 1): >1  
 Solubility in Water: Not available  
 Physical State: Aerosol  
 Appearance and Odour: Clear colourless; fragrant odour  
 Specific Gravity (H<sub>2</sub>O = 1): 0.924  
 Percent Volatile (Wt %): Not available  
 Evaporation Rate (BuAc = 1): >1  
 pH (as supplied): Not applicable  
 Viscosity: Water thin  
 Odour Threshold: Not available

## SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Flammable aerosol  
 Flash Point (deg C, TCC): 21.0 LEL: 1.9 UEL: 9.5  
 Hazardous Combustion Products: May include and are not limited to oxides of carbon.  
 Means of Extinction: Water, dry chemical, carbon dioxide, foam.  
 Special Fire Hazards: Firefighters should wear self-contained breathing apparatus. Cool containers with water spray and remove source of ignition if safe. Contents under pressure. Container may explode with heat.

## SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.  
 Incompatible Materials: Oxidizers.  
 Conditions for Reactivity: Not available.  
 Hazardous Decomposition Products: May include and are not limited to oxides of carbon when heated to decomposition.

**Metered Aerosol Products - All Fragrances****SECTION VI - TOXICOLOGICAL PROPERTIES**

Route of Entry: Eye, Skin contact, Ingestion

**EFFECTS OF ACUTE EXPOSURE:**

Eye: May cause irritation.

Skin: May cause irritation.

Ingestion: May cause stomach distress, nausea or vomiting.

**EFFECTS OF CHRONIC EXPOSURE:**

Skin: Prolonged or repeated skin contact may cause drying, defatting and dermatitis.

Irritancy: Hazardous by WHMIS criteria.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

**SECTION VII - PREVENTATIVE MEASURES**

Gloves: Not normally required.

Eye Protection: Not normally required.

Respiratory Protection: Not normally required.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Before attempting cleanup, refer to hazard data given above. Contact emergency services and supplier for advice. 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 containers.

Storage and Handling Requirements: Keep out of reach of children. Store away from incompatible materials. Avoid heat, open flame and sources of ignition during use and storage. Do not store above 49°C. Keep from freezing.

**SECTION VIII - FIRST AID**

Eye: Immediately flush with water. Remove contact lenses, if applicable, and continue flushing with water for 15 minutes. Obtain medical attention if irritation persists.

Skin: Flush with water. Wash thoroughly with soap and water. Obtain medical attention if irritation persists.

Inhalation: Not a normal route of harmful exposure. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

**Disclaimer**

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).