

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** Metered Aerosol Products - All Fragrances  
**Product Use:** Air freshener  
**WHMIS Class:** Class D - Division 2B  
Class B - Division 5: Flammable Aerosol  
Class A - Compressed Gas  
**TDG Classification:** AEROSOLS, FLAMMABLE; Class 2.1; UN1950  
**Manufacturer/Supplier:** Technical Concepts  
**Address:** 1301 Allanson Road  
Mundelein, IL, 60060  
**Telephone:** (847) 837-4100

HEALTH	2
FLAMMABILITY	3
REACTIVITY	1
PERSONAL PROTECTION	B

**Emergency Phone:** INFOTRAC - 1-800-535-5053

## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>OSHA-PEL</u>	<u>LC<sub>50</sub></u>	<u>LD<sub>50</sub></u>
Ethanol	64-17-5	7 - 13	1000 ppm TWA	1000 ppm TWA	31623 ppm 4 h, rat	7060 mg/kg oral, rat
Propane	74-98-6	10 - 30	2500 ppm TWA	1000 ppm TWA	280000 ppm 4 h, rat	Not available
Fragrance	Mixture	1 - 5	5 mg/m <sup>3</sup> (mist)	5 mg/m <sup>3</sup> (mist)	Not available	Not available
Butane	106-97-8	10 - 30	1900 mg/m <sup>3</sup> TWA	Not available	658 mg/m <sup>3</sup> 4 h, rat	Not available
Dipropylene glycol	25265-71-8	7 - 13	Not available	Not available	Not available	14800 mg/kg oral, rat
Diethylene glycol monoethyl ether	111-90-0	1 - 5	25 ppm TWA	Not available	Not available	5500 mg/kg oral, rat
Hexylene glycol	107-41-5	5 - 10	25 ppm Ceiling	Not available	Not available	3700 mg/kg oral, rat
Isopropanol	67-63-0	7 - 13	400 ppm TWA	400 ppm TWA	16971 ppm 4 h, rat	4710 mg/kg oral, rat

**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200), and the Controlled Products Regulations.

**SARA - Section 313 (Toxic Chemical Release Reporting) 40 CFR 372** - No ingredients require reporting.

**Toxic Substances Control Act (TSCA)** - All the ingredients are listed on the Chemical Substance Inventory or exempt.

**California Proposition 65** - Contains ethanol.

## SECTION III - PHYSICAL DATA

<b>Boiling Point of Concentrate (°C):</b> 59	<b>Specific Gravity of Concentrate (H<sub>2</sub>O = 1):</b> 0.924
<b>Pressure (can, kPa @ 21.1 °C):</b> Not available	<b>% Volatile (Wt %):</b> Not available
<b>Vapour Density (Air = 1):</b> >1	<b>Evaporation Rate (Ether = 1):</b> >1
<b>Solubility in Water:</b> Negligible	<b>pH (100%):</b> Not available
<b>Physical State:</b> Aerosol (liquid)	<b>Viscosity:</b> Water thin
<b>Appearance; Odour:</b> Clear colourless; fragrant	<b>Odour Threshold (ppm):</b> Not available

## SECTION IV - FIRE AND EXPLOSION DATA

**Flammability:** Flammable aerosol by flame projection test.  
**Flash Point of Concentrate (°C, TCC):** 21      **LEL:** 1.9      **UEL:** 9.5  
**Hazardous Combustion Products:** May include and are not limited to oxides of carbon.  
**Autoignition Temperature (°C):** Not available  
**Means of Extinction:** Dry chemical, foam, carbon dioxide.  
**Special Fire Hazards:** Contents under pressure. Container may explode with heat. Cool containers with water spray and remove source of ignition if safe. Fire fighters should wear self-contained breathing apparatus.

## SECTION V - REACTIVITY DATA

**Conditions for Chemical Instability:** Stable.  
**Incompatible Materials:** Caustics, acids.  
**Reactivity, and Under What Conditions:** Aerosol containers are unstable at temperatures above 49°C.  
**Hazardous Decomposition Products:** May include and are not limited to oxides of carbon when heated to decomposition.

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. Components of this product may be absorbed through the skin.

**Inhalation:** Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

**Ingestion:** Harmful. May cause stomach distress, nausea or vomiting. Aspiration may cause lung damage.

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Irritancy:** Hazardous by WHMIS/OSHA criteria.

**Respiratory Tract Sensitization:** No data available.

**Carcinogenicity:** Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity, Mutagenicity, Reproductive Effects:** No data available.

**Synergistic Materials:** Not available.

SECTION VII- PREVENTATIVE MEASURES

**Gloves:** Rubber gloves. Confirm with a reputable supplier first.

**Eye Protection:** Safety glasses.

**Respiratory Protection:** Not normally required if good ventilation is maintained.

**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.

**Storage and Handling Requirements:** Keep out of reach of children. Store in a closed container away from incompatible materials. Avoid heat, open flame, and other sources of ignition in the use and storage of this product. Do not store at temperatures above 49°C.

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. 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.

SECTION IX - PREPARATION INFORMATION

**Date:** 2003/08/15

**MSDS Prepared by:** Dell Tech Laboratories Ltd.

**Telephone:** 1-519-858-5021

**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 (1-905-572-4400) or CSST in Montreal, Quebec (514-873-3990).