

# 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

**Boiling Point of Concentrate (°C):** 59  
**Pressure (can, kPa @ 21.1 °C):** Not available  
**Vapour Density (Air = 1):** >1  
**Solubility in Water:** Negligible  
**Physical State:** Aerosol (liquid)  
**Appearance; Odour:** Clear colourless; fragrant

**Specific Gravity of Concentrate (H<sub>2</sub>O = 1):** 0.924  
**% Volatile (Wt %):** Not available  
**Evaporation Rate (Ether = 1):** >1  
**pH (100%):** Not available  
**Viscosity:** Water thin  
**Odour Threshold (ppm):** 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

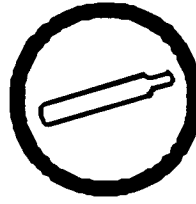
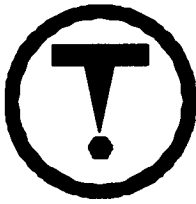
MSDS Prepared by: Dell Tech Laboratories Ltd.

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).

## Metered Aerosol Products - All Fragrances



Eye and skin irritant. Flammable aerosol. Compressed gas.

Avoid contact with eyes and skin. Wear rubber gloves and safety glasses. Keep out of reach of children. Keep away from sources of ignition. No smoking. Do not puncture or incinerate container. Do not store at temperatures above 49°C.

**Eyes:** 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.

### READ MATERIAL SAFETY DATA SHEET BEFORE USING PRODUCT

Irritant pour les yeux et la peau. Aérosol inflammable. Gaz comprimés.

Éviter le contact avec les yeux et la peau. Porter des gants en caoutchouc et des lunettes protectrices.

Garder hors de la portée des enfants. Conserver à l'écart de toutes sources d'ignition. Ne pas fumer.

Ne pas percer le contenant ni le jeter au feu. Ne pas entreposer à températures dépassant 49°C.

**Yeux:** Rincer à grande eau froide. Enlever les verres de contact, le cas échéant, et continuer à rincer. Obtenir de l'attention médicale si l'irritation persiste.

**Peau:** Rincer à grande eau froide. Laver à l'eau et au savon. Obtenir de l'attention médicale si l'irritation persiste.

**Inhalation:** En cas de symptômes, placer la victime à l'air frais. Si les symptômes persistent, obtenir de l'attention médicale. Si la victime ne respire pas du personnel qualifié devrait immédiatement commencer la réanimation cardio-pulmonaire.

**Ingestion:** Ne pas tenter de faire vomir. Rincer la bouche à grande eau, puis boire un ou deux verres d'eau. Obtenir de l'attention médicale. Ne jamais rien faire boire ou avaler à une victime inconsciente, en train de perdre rapidement connaissance ou si la victime a des convulsions.

### LIRE LA FICHE SIGNALÉTIQUE AVANT D'UTILISER CE PRODUIT

Irritante para los ojos y la piel. Aerosol inflamable. Gas comprimido.

Evitar contacto con ojos y piel. Usar guantes de goma y anteojos de seguridad.

Mantener fuera del alcance de los niños. Mantener alejado de fuentes de ignición.

No fumar. No perforar ni incinerar el recipiente. No almacenar a temperaturas por arriba de 49°C

**Ojos:** Enjuagar con agua fría. Sacarse los lentes de contacto, si es el caso, y continuar enjuagando. Obtener asistencia médica si la irritación persiste.

**Piel:** Enjuagar con abundante agua fría. Lavar con agua y jabón. Obtener asistencia médica si la irritación persiste.

**Inhalación:** En caso de síntomas, mover a la víctima a un lugar con aire fresco. Si los síntomas persisten, obtener asistencia médica. Si la víctima no respira, personal capacitado debe comenzar inmediatamente la reanimación cardio-pulmonar.

**Ingestión:** No inducir vómito. Enjuagar la boca con agua y después tomar uno o dos vasos de agua. Obtener asistencia médica. No dar nada por la boca si la víctima está inconsciente, o si tiene convulsiones.

### LEER LA HOJA DE DATOS DE SEGURIDAD ANTES DE UTILIZAR ESTE PRODUCTO

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