

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Health Gard® Air Fresheners
(Gala Garden, Hot Apple Pie, Mango Madness, Sassy Citrus, Very Berry Cherry)

Product Use: Deodorizer

WHMIS Class: Class D - Division 2B
Class B - Division 5: Flammable Aerosol
Class A - Compressed Gas

TDG Classification: Consumer commodity

Manufacturer/Supplier: Hospital Specialty Company

Address: 670 Alpha Drive
Highland Heights, OH, 44143

Telephone: 440-449-6550

HEALTH	1
FLAMMABILITY	4
REACTIVITY	1
PERSONAL PROTECTION	B

Emergency Phone: 1-800-255-3924

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS#	Wt%	ACGIH-TLV	LC ₅₀	LD ₅₀
Acetone	67-84-1	80 - 100	500 ppm TWA	>16000 mg/m ³ 4 h, rat	5800 mg/kg oral, rat
Propane	74-98-6	10 - 30	2500 ppm TWA	280000 ppm 4 h, rat	Not available
Butane	106-97-8	10 - 30	1900 mg/m ³ TWA	658 mg/m ³ 4 h, rat	Not available
Fragrance	Mixture	1 - 5	Not available	Not available	Not available
Isobutane	75-28-5	0.5 - 1.5	800 ppm TWA	52 mg/kg 1 h, mouse	Not available

SECTION III - PHYSICAL DATA

Boiling Point of Concentrate (°C): Not available

Pressure (can, kPa @ 21.1 °C): Not available

Vapour Density (Air = 1): > 1

Solubility in Water: Complete

Physical State: Aerosol

Appearance; Odour: Mist; various

Specific Gravity of Concentrate (H₂O = 1): 0.79 @ 20°C

% 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): -20

LEL: 1.8

UEL: 12.8

Hazardous Combustion Products: May include and are not limited to oxides of carbon.

Autolignition Temperature (°C): Not applicable

Means of Extinction: Dry chemical, alcohol 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, oxidizers.

Reactivity, and Under What Conditions: Not available.

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. 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: 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: 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: 2003/11/15

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 (1-800-572-4400) or CSST in Montreal, Quebec (514-873-3890).

Health Gard® Air Fresheners



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 de protection à l'épreuve des éclaboussures de produits chimiques. 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

Hospital Specialty Company