

Material Safety Data Sheet

WHMIS 	Protective Clothing 	TDG Road / Rail
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Section 1. Product Identification and Uses

Product Name	AIR SCENTS	CI#	Not applicable.
Synonyms		DSL	Not available.
Chemical Name	Not applicable.	CAS #	Not applicable.
Chemical Formula	Chemical mixture.	Code	1834-09-100/1834-09-152
Chemical Family	Various hydrocarbons.	Molecular Weight	Not applicable.
Supplier	Maunco Cleaning Supplies Warehouse 270 Adam Street, Belleville, Ontario K8N 5S4 PHONE: (613) 962-0437		---
Material Uses	Odour counteractant & air freshener.		

Section 2. Hazardous Ingredients

Name	CAS #	% by Weight	LC ₅₀ /LD ₅₀
1) Ethanol	64-17-5	10-30	ORAL (LD50) mg/kg: Acute: 7060 (Rat). VAPOR (LC50) ppm : Acute: 31623 (Rat) (4 hour(s)). ORAL (LD50): Acute: 20000 mg/kg [Rat.]. DERMAL (LD50): Acute: 20800 mg/kg [Rat.]. Not available. Not available.
2) Propylene glycol	57-55-6	1-5	
3) Petroleum Naphtha	64742-48-9	30-60	
4) Liquefied petroleum gas	68476-85-7	15-40	

Section 3. Physical Data

Physical State and Appearance	Liquid (Aerosol Concentrate).	Odor	Characteristic.
pH (1% Soln/Water)	Not applicable.	Taste	Not available.
Odor Threshold	Not available.	Color	Pale yellow.
Volatility	Not available.		
Evaporation Rate	Not available.		
Melting Point	Not available.		
Boiling Point	78.5°C (173.3°F) based on data for: Ethanol. Weighted average: 111.13°C (232°F)		
Density	0.745 - 0.770 (Water = 1)		
Vapor Density	Weighted average: 3.61 (Air = 1)		
Vapor Pressure	Weighted average: 42.34 mm of Hg (@ 20°C)		
LogK_{ow}	Not available.		
Ionicity (Surface Active Agent)	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Conditions of Instability	No additional remark.		
Dispersion Properties	See solubility in methanol, diethyl ether, water.		

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Solubility Easily soluble in methanol, diethyl ether.
Miscible in water.

Section 4. Fire and Explosion Data

The Product is:	Extremely Flammable Aerosol
Auto-ignition Temperature	415°C (779°F) based on data for: Petroleum Naphtha.
Products of Combustion	These products are carbon oxides (CO, CO ₂) and other irritating gases.
Flash Points	CLOSED CUP: (Tagliabue.) 7°C (44.6°F) (Petroleum Naphtha).
Flammable Limits	LOWER: 0.6% UPPER: 19%
Extinguishing Media	Flammable liquid, miscible in water. SMALL FIRE: Use DRY chemicals, CO ₂ , alcohol foam or water spray. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water spray in order to prevent pressure build-up, autoignition or explosion. Avoid spreading burning liquid with water used to cool containers. Self-contained respiratory protection should be provided for firefighters.
Flammability	The flammability of an aerosol by WHMIS definition is determined by its flame-extension or its flashback. The flame-extension of this product is greater than 45 cm. FIRE CODE: Level 3 Aerosol (as per NFPA 30B). Do not use in the presence of open flame or spark. Do not place in hot water or near radiators, stoves or other sources of heat.
Risks of Explosion	Risks of explosion of the product in presence of mechanical impact: Do NOT subject aerosol cans to impact. Risk of explosion of the product in the presence of static discharge: Aerosol spray may be sensitive to static discharge due to flammable concentrate and flammable propellant. Vapours of this product may form a flammable/explosive mixture when vapours present are between the lower (0.6%) and upper (19%) flammable limits and come into contact with open flames, sparks or static discharge. Do NOT expose aerosol containers to open flames, heat or ignition sources. Container may explode if heated.

Section 5. Reactivity

Stability	The product is stable.
Hazardous Decomposition Products	These products are carbon oxides (CO, CO ₂) and other irritating gases.
Degradability	Not available.
Products of Degradation	Not available. Not available.
Corrosivity	Non-corrosive in presence of glass.
Reactivity	Avoid contact with strong oxidizing agents, strong acids and strong alkalies. Keep away from heat, sparks, open flame and all possible ignition sources.
Instability Temperature	Not available.
Conditions of Instability	No additional remark.

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Section 6. Toxicological Properties



Routes of Entry	Ingestion. Inhalation. Eye contact. Skin contact.
TLV	<p>Ethanol TWA: 1000 (ppm) from ACGIH</p> <p>Liquefied petroleum gas TWA: 1000 CEIL: 1250 (ppm) TWA: 1800 CEIL: 2250 (mg/m³)</p> <p>Petroleum Naphtha TWA: 300 (ppm)</p> <p>Consult local authorities for acceptable exposure limits.</p>
Toxicity to Animals	<p>WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE.</p> <p>Acute oral toxicity (LD50): 3450 mg/kg [Mouse] (Ethanol). Acute oral toxicity (LD50): 20,000 mg/kg [Rat] (Propylene glycol). Acute toxicity of the vapor (LC50): > 5000 ppm (Rat.) (Ethanol).</p>
Chronic Effects on Humans	Prolonged or repeated skin contact may lead to dermatitis.
Acute Effects on Humans	<p>EYE CONTACT: May cause irritation, redness, tearing and itching.</p> <p>SKIN CONTACT: May cause irritation, defatting, drying and cracking of skin. Prolonged and repeated contact may lead to dermatitis.</p> <p>INHALATION: Vapours may be irritating to the nose, throat and respiratory tract. Excessive inhalation of vapours may cause Central Nervous System effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.</p> <p>INGESTION: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.</p> <p>Can be fatal if inhaled or ingested. The vapours of this product may be irritating to the eyes, nose, skin and respiratory tract.</p>
Synergetic Products (Toxicologically)	Not available.
Irritation/Corrosivity	See acute effects on humans.
Sensitization	Not available.
Carcinogenic Effects	Not available.
Toxic Effects on Reproduction	Not available.
Teratogenic Effects	Not available.
Mutagenic Effects	Not available.

Section 7. Preventive Measures

Small Spill and Leak	Ventilate area and eliminate all sources of ignition. Keep away from heat. Absorb with an inert DRY material and place in an appropriate waste disposal container.
Personal Protective Equipment	Recommend safety glasses.
Large Spill and Leak	Not applicable for aerosol containers.
Protective Clothing	Not applicable for aerosol containers.
Engineering Controls	Use with adequate ventilation.



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Precautions	Contents under pressure. Container may explode if heated. Keep out of reach of children.
Storage	Store in a cool, dry place. Do not place in hot water or near radiator, stove or other sources of heat. Do not puncture or incinerate container or store at temperatures over 50°C or in direct sunlight.
Handling	Do not use in the presence of open flame, sparks or other sources of ignition. Keep away from heat. Avoid breathing vapours or spray mists. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water.
Waste Disposal	Recycle to process, if possible. Consult your local or regional authorities. When container is empty, press button to release all pressure, then dispose of in garbage can. Do not puncture or incinerate container.
Special Shipping Information	None.

Section 8. First Aid

Eye Contact	Flush eyes with plenty of running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.
Skin Contact	Thoroughly wash the affected area with soap and water. If irritation persists, seek medical attention. Remove contaminated clothing and wash before reuse.
Hazardous Skin Contact	No additional information.
Slight Inhalation	Remove affected person to fresh air. If breathing is difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.
Hazardous Inhalation	No additional information.
Slight Ingestion	DO NOT induce vomiting. Have conscious person drink 1 to 2 glasses of water to dilute material. NEVER give an unconscious person anything to ingest. Get immediate medical attention. Aspiration of material into lungs due to vomiting may cause chemical pneumonitis which can be fatal.
Hazardous Ingestion	No additional information.

Section 9. MSDS Preparation

References	Not available.
No additional remark.	
Validated by Regulatory Affairs Dept. on 03-01-2016.	Verified by Regulatory Affairs Dept..
	Printed 03-01-2016.

Emergency Phone: CANUTEC 613-996-6666


Responsible Name/ Telephone No.

Classification

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	Not applicable.

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<p>WHMIS</p> <p>WHMIS CLASS A: Compressed gas. WHMIS CLASS B-5: Flammable aerosol. WHMIS CLASS D-2B: Material causing other toxic effects (TOXIC).</p>	
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