

# Material Safety Data Sheet

WHMIS 	Protective Clothing 	TDG Road / Rail
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<b>Section 1. Product Identification and Uses</b>			
<b>Product Name</b>	<b>SWEET APPLE</b>	<b>CI#</b>	Not applicable.
<b>Synonyms</b>		<b>DSL</b>	Not available.
<b>Chemical Name</b>	Not applicable.	<b>CAS #</b>	Not applicable.
<b>Chemical Formula</b>	Chemical mixture.	<b>Code</b>	1834-09-100/1834-09-152
<b>Chemical Family</b>	Various hydrocarbons.	<b>Molecular Weight</b>	Not applicable.
<b>Supplier</b>	Maunco Cleaning Supplies Warehouse 270 Adam Street, Belleville, Ontario K8N 5S4 PHONE: (613) 962-0437		---
<b>Material Uses</b>	Odour counteractant & air freshener.		

<b>Section 2. Hazardous Ingredients</b>			
Name	CAS #	% by Weight	LC <sub>50</sub> /LD <sub>50</sub>
1) Ethanol	64-17-5	10-30	<b>ORAL (LD50)</b> mg/kg: Acute: 7060 (Rat). <b>VAPOR (LC50)</b> ppm : Acute: 31623 (Rat) (4 hour(s)). <b>ORAL (LD50):</b> Acute: 20000 mg/kg [Rat.]. <b>DERMAL</b> (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	

<b>Section 3. Physical Data</b>			
<b>Physical State and Appearance</b>	Liquid (Aerosol Concentrate).	<b>Odor</b>	Characteristic.
<b>pH (1% Soln/Water)</b>	Not applicable.	<b>Taste</b>	Not available.
<b>Odor Threshold</b>	Not available.	<b>Color</b>	Pale yellow.
<b>Volatility</b>	Not available.		
<b>Evaporation Rate</b>	Not available.		
<b>Melting Point</b>	Not available.		
<b>Boiling Point</b>	78.5°C (173.3°F) based on data for: Ethanol. Weighted average: 111.13°C (232°F)		
<b>Density</b>	0.745 - 0.770 (Water = 1)		
<b>Vapor Density</b>	Weighted average: 3.61 (Air = 1)		
<b>Vapor Pressure</b>	Weighted average: 42.34 mm of Hg (@ 20°C)		
<b>LogK<sub>ow</sub></b>	Not available.		
<b>Ionicity (Surface Active Agent)</b>	Not available.		
<b>Critical Temperature</b>	Not available.		
<b>Instability Temperature</b>	Not available.		
<b>Conditions of Instability</b>	No additional remark.		
<b>Dispersion Properties</b>	See solubility in methanol, diethyl ether, water.		

**Continued on Next Page**

WHMIS	Protective Clothing	TDG Road / Rail
		
A B-5 D-2B		CONSUMER COMMODITY.



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

### Section 4. Fire and Explosion Data

<b>The Product is:</b>	Extremely Flammable Aerosol
<b>Auto-ignition Temperature</b>	415°C (779°F) based on data for: Petroleum Naphtha.
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO <sub>2</sub> ) and other irritating gases.
<b>Flash Points</b>	CLOSED CUP: (Tagliabue.) 7°C (44.6°F) (Petroleum Naphtha).
<b>Flammable Limits</b>	LOWER: 0.6% UPPER: 19%
<b>Extinguishing Media</b>	Flammable liquid, miscible in water. SMALL FIRE: Use DRY chemicals, CO <sub>2</sub> , 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.
<b>Flammability</b>	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.
<b>Risks of Explosion</b>	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

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

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A B-5 D-2B		CONSUMER COMMODITY.


**Section 6. Toxicological Properties**

<b>Routes of Entry</b>	Ingestion. Inhalation. Eye contact. Skin contact.
<b>TLV</b>	<p><b>Ethanol</b> TWA: 1000 (ppm) from ACGIH</p> <p><b>Liquefied petroleum gas</b> TWA: 1000 CEIL: 1250 (ppm) TWA: 1800 CEIL: 2250 (mg/m<sup>3</sup>)</p> <p><b>Petroleum Naphtha</b> TWA: 300 (ppm)</p> <p>Consult local authorities for acceptable exposure limits.</p>
<b>Toxicity to Animals</b>	<p><b>WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE.</b></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): &gt; 5000 ppm (Rat.) (Ethanol).</p>
<b>Chronic Effects on Humans</b>	Prolonged or repeated skin contact may lead to dermatitis.
<b>Acute Effects on Humans</b>	<p><b>EYE CONTACT:</b> May cause irritation, redness, tearing and itching.</p> <p><b>SKIN CONTACT:</b> May cause irritation, defatting, drying and cracking of skin. Prolonged and repeated contact may lead to dermatitis.</p> <p><b>INHALATION:</b> 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><b>INGESTION:</b> 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>
<b>Synergetic Products (Toxicologically)</b>	Not available.
<b>Irritation/Corrosivity</b>	See acute effects on humans.
<b>Sensitization</b>	Not available.
<b>Carcinogenic Effects</b>	Not available.
<b>Toxic Effects on Reproduction</b>	Not available.
<b>Teratogenic Effects</b>	Not available.
<b>Mutagenic Effects</b>	Not available.

**Section 7. Preventive Measures**

<b>Small Spill and Leak</b>	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.
<b>Personal Protective Equipment</b>	Recommend safety glasses.
<b>Large Spill and Leak</b>	Not applicable for aerosol containers.
<b>Protective Clothing</b>	Not applicable for aerosol containers.
<b>Engineering Controls</b>	Use with adequate ventilation.



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A B-5 D-2B		CONSUMER COMMODITY.

<b>Precautions</b>	Contents under pressure. Container may explode if heated. Keep out of reach of children.
<b>Storage</b>	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.
<b>Handling</b>	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.
<b>Waste Disposal</b>	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.
<b>Special Shipping Information</b>	None.

**Section 8. First Aid**

<b>Eye Contact</b>	Flush eyes with plenty of running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.
<b>Skin Contact</b>	Thoroughly wash the affected area with soap and water. If irritation persists, seek medical attention. Remove contaminated clothing and wash before reuse.
<b>Hazardous Skin Contact</b>	No additional information.
<b>Slight Inhalation</b>	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.
<b>Hazardous Inhalation</b>	No additional information.
<b>Slight Ingestion</b>	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.
<b>Hazardous Ingestion</b>	No additional information.

**Section 9. MSDS Preparation**

<b>References</b>	Not available.
No additional remark.	
Validated by Regulatory Affairs Dept. on 04-01-2010.	Verified by Regulatory Affairs Dept..
	Printed 04-01-2010.

**Emergency Phone: CANUTEC 613-996-6666**


**Responsible Name/ Telephone No.**

**Classification**

<b>TDG Road / Rail</b>	CONSUMER COMMODITY.
	Not applicable.

**Continued on Next Page**

WHMIS	Protective Clothing	TDG Road / Rail
		
<p>A B-5 D-2B</p>		<p>CONSUMER COMMODITY.</p>

<p><b>WHMIS</b></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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*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*