



# 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>CARPET SPOTTER</b>	<b>CI#</b>	Not available.
<b>Synonyms</b>	Not available.	<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>	1834-19-153
<b>Chemical Family</b>	Hydrocarbon.	<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>	Instant carpet spot remover.		

<b>Section 2. Hazardous Ingredients</b>			
Name	CAS #	% by Weight	LC <sub>50</sub> /LD <sub>50</sub>
1) Ethyleneglycol monobutyl ether	111-76-2	10-30	<b>ORAL (LD50)</b> mg/kg: Acute: 1230 (Mouse). 1480 (Rat). 300 (Rabbit). <b>VAPOR (LC50)</b> ppm : Acute: 450 (Rat) (4 hour(s)). Not available.
2) Liquefied petroleum gas	68476-85-7	5-10	Not available.

<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 available.	<b>Taste</b>	Not available.
<b>Odor Threshold</b>	0.1 ppm based on data for: Ethyleneglycol monobutyl ether	<b>Color</b>	White viscous liquid.
<b>Volatility</b>	Not available.		
<b>Evaporation Rate</b>	0.06 based on data for: Ethyleneglycol monobutyl ether [Butyl acetate.]		
<b>Melting Point</b>	Not available.		
<b>Boiling Point</b>	100°C (212°F) based on data for: Water. Weighted average: 114.49°C (238.1°F)		
<b>Density</b>	0.984 (Water = 1)		
<b>Vapor Density</b>	Weighted average: 1.32 (Air = 1)		
<b>Vapor Pressure</b>	Not available.		
<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 water.		
<b>Solubility</b>	Easily soluble in water.		

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### Section 4. Fire and Explosion Data

<b>The Product is:</b>	Flammable Aerosol.
<b>Auto-ignition Temperature</b>	244°C (471.2°F) based on data for: Ethyleneglycol monobutyl ether.
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ...) and other irritating gases.
<b>Flash Points</b>	CLOSED CUP: (Setaflash) 60°C (140°F) (Ethyleneglycol monobutyl ether).
<b>Flammable Limits</b>	LOWER: 1.1% UPPER: 10.6%
<b>Extinguishing Media</b>	Flammable Aerosol, liquid is soluble in water. SMALL FIRE: Use DRY chemicals, CO <sub>2</sub> , alcohol foam or water spray. LARGE FIRE: Use water spray or fog. Cool containing vessels with water spray in order to prevent pressure build-up, autoignition or explosion. 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 between 15 to 30 Cm. FIRE CODE: Level 1 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>	Risk of explosion of the product in presence of mechanical impact: Do not subject aerosol cans to impact. Risks of explosion of the product in presence of static discharge: Vapours of this product may form a flammable/explosive mixture with air in enclosed areas when vapours present are between the lower (1.1%) and upper (10.6%) flammable limits and come into contact with open flames, sparks or static discharge. Do NOT expose product 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> ), nitrogen oxides (NO, NO <sub>2</sub> ...) and other irritating gases.
<b>Degradability</b>	Not available.
<b>Products of Degradation</b>	Not available. Not available.
<b>Corrosivity</b>	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
<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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### Section 6. Toxicological Properties

<b>Routes of Entry</b>	Ingestion. Inhalation. Skin contact. Eye contact.
<b>TLV</b>	<p><b>Ethyleneglycol monobutyl ether</b>                      TWA: 50 CEIL: 150 (ppm)                      TWA: 240 CEIL: 720 (mg/m<sup>3</sup>)</p> <p><b>Liquefied petroleum gas</b>                      TWA: 1000 CEIL: 1250 (ppm)                      TWA: 1800 CEIL: 2250 (mg/m<sup>3</sup>)</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>                      Acute oral toxicity (LD50): 300 mg/kg (Rabbit) (Ethyleneglycol monobutyl ether).                      Acute toxicity of the vapor (LC50): 450 ppm (Rat) (Ethyleneglycol monobutyl ether).</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 possible corneal injury.  <b>SKIN CONTACT:</b> May cause irritation, defatting, drying and cracking of skin.  <b>INHALATION:</b> Excessive inhalation of vapours may cause nasal and respiratory irritation and Central Nervous System effects including dizziness, weakness, fatigue, nausea and headache.  <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. Can be fatal if inhaled or ingested. This product may irritate eyes and skin upon contact.</p>
<b>Synergetic Products (Toxicologically)</b>	Not available.
<b>Irritation/Corrosivity</b>	Not available.
<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 material and place in an appropriate waste disposal container.
<b>Personal Protective Equipment</b>	It is recommended to wear safety glasses. <div style="float: right; border: 1px solid black; padding: 5px; text-align: center;">  </div>
<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 under well-ventilated conditions.
<b>Precautions</b>	Contents under pressure. Container may explode if heated. Direct inhalation of spray may be harmful. Keep out of reach of children.
<b>Storage</b>	Store in a cool, dry place. Do not place in hot water or near radiators, stoves or other sources of heat. Do not puncture or incinerate container or store at temperatures over 50°C or in direct sunlight.

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<b>Handling</b>	Do not use in the presence of open flame, sparks or ignition sources. 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. Do not dispose in sewers. When container is empty, press button to release all pressure, then dispose of in garbage can.
<b>Special Shipping Information</b>	None.

<b>Section 8. First Aid</b>	
<b>Eye Contact</b>	Immediately flush eyes with plenty of running water for at least 15 minutes, lifting upper and lower lids, occasionally. Get medical attention.
<b>Skin Contact</b>	Wash thoroughly 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. Get medical attention.
<b>Hazardous Inhalation</b>	No additional information.
<b>Slight Ingestion</b>	If swallowed, DO NOT induce vomiting. Rinse mouth with water. Have conscious person drink 1 to 2 glasses of water. Do not give anything by mouth if victim is unconscious. Get medical attention.
<b>Hazardous Ingestion</b>	No additional information.

<b>Section 9. MSDS Preparation</b>	
<b>References</b>	Not available.
No additional remark.	
Validated by Regulatory Affairs Dept. on 01-01-2010.	Verified by Regulatory Affairs Dept..
	Printed 01-01-2010.

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

**Responsible Name/ Telephone No.**

<b>Classification</b>	
<b>TDG Road / Rail</b>	CONSUMER COMMODITY.  Not applicable.
<b>WHMIS</b>	WHMIS CLASS A: Compressed gas. WHMIS CLASS B-5: Flammable aerosol. WHMIS CLASS D-2B: Material causing other toxic effects (TOXIC).
	

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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.***