

Material Safety Data Sheet

WHMIS 	Protective Clothing 	TDG Road / Rail
---	---	------------------------

Section 1. Product Identification and Uses

Product Name	CARPET SPOTTER	CI#	Not available.
Synonyms	Not available.	DSL	Not available.
Chemical Name	Not applicable.	CAS #	Not applicable.
Chemical Formula	Chemical mixture.	Code	1834-19-153
Chemical Family	Hydrocarbon.	Molecular Weight	Not applicable.
Supplier	Maunco Cleaning Supplies Warehouse 270 Adam Street, Belleville, Ontario K8N 5S4 PHONE: (613) 962-0437		
Material Uses	Instant carpet spot remover.		



Section 2. Hazardous Ingredients

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

Section 3. Physical Data

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

Continued on Next Page

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



Section 4. Fire and Explosion Data

The Product is:	Flammable Aerosol.
Auto-ignition Temperature	244°C (471.2°F) based on data for: Ethyleneglycol monobutyl ether.
Products of Combustion	These products are carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...) and other irritating gases.
Flash Points	CLOSED CUP: (Setaflash) 60°C (140°F) (Ethyleneglycol monobutyl ether).
Flammable Limits	LOWER: 1.1% UPPER: 10.6%
Extinguishing Media	Flammable Aerosol, liquid is soluble in water. SMALL FIRE: Use DRY chemicals, CO ₂ , 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.
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 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.
Risks of Explosion	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

Stability	The product is stable.
Hazardous Decomposition Products	These products are carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...) and other irritating gases.
Degradability	Not available.
Products of Degradation	Not available. Not available.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Reactivity	Avoid contact with strong oxidizing agents, strong acids and strong alkalis. Keep away from heat, sparks, open flame and all possible ignition sources.
Instability Temperature	Not available.
Conditions of Instability	No additional remark.

Continued on Next Page

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

Section 6. Toxicological Properties

Routes of Entry	Ingestion. Inhalation. Skin contact. Eye contact.
TLV	<p>Ethylene glycol monobutyl ether TWA: 50 CEIL: 150 (ppm) TWA: 240 CEIL: 720 (mg/m³)</p> <p>Liquefied petroleum gas TWA: 1000 CEIL: 1250 (ppm) TWA: 1800 CEIL: 2250 (mg/m³)</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): 300 mg/kg (Rabbit) (Ethylene glycol monobutyl ether). Acute toxicity of the vapor (LC50): 450 ppm (Rat) (Ethylene glycol monobutyl ether).</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 possible corneal injury. SKIN CONTACT: May cause irritation, defatting, drying and cracking of skin. INHALATION: Excessive inhalation of vapours may cause nasal and respiratory irritation and Central Nervous System effects including dizziness, weakness, fatigue, nausea and headache. INGESTION: 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>
Synergetic Products (Toxicologically)	Not available.
Irritation/Corrosivity	Not available.
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 material and place in an appropriate waste disposal container.
Personal Protective Equipment	It is recommended to wear safety glasses.
Large Spill and Leak	Not applicable for aerosol containers.
Protective Clothing	Not applicable for aerosol containers.
Engineering Controls	Use under well-ventilated conditions.
Precautions	Contents under pressure. Container may explode if heated. Direct inhalation of spray may be harmful. Keep out of reach of children.
Storage	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.



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

Handling	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.
Waste Disposal	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.
Special Shipping Information	None.

Section 8. First Aid

Eye Contact	Immediately flush eyes with plenty of running water for at least 15 minutes, lifting upper and lower lids, occasionally. Get medical attention.
Skin Contact	Wash thoroughly 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. Get medical attention.
Hazardous Inhalation	No additional information.
Slight Ingestion	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.
Hazardous Ingestion	No additional information.

Section 9. MSDS Preparation


References	Not available.
No additional remark.	



Validated by Regulatory Affairs Dept. on March 1, 2017	Verified by Regulatory Affairs Dept..
--	---------------------------------------

Emergency Phone: CANUTEC 613-996-6666

Responsible Name/ Telephone No.	
--	--

Classification

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

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

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.