

Material Safety Data Sheet

WHMIS 	Protective Clothing 	TDG Road/Rail 
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SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product name: Extra Heavy Duty Oven Cleaner with Lemon (71721)
Effective Date: 1/1/2013
Code No.: 621A

Product use: Heavy Duty Oven Cleaner with Lemon

WHMIS: WHMIS CLASS A: Compressed gas.
 WHMIS CLASS E: Corrosive liquid.

TDG: Not controlled under TDG (Canada).
 Consumer Commodity

Manufacturer: Lawrason's Inc.
 460 Wycroft Road
 Oakville, ON, L6K 2G7
 Tel: (905) 842-8300
 Fax: (905) 842-8906

Supplier:

EMERGENCY PHONE : CANUTEC (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC ₅₀ /LD ₅₀
1) Diethylene glycol monobutyl ether	112-34-5	7-13	Not available.	ORAL (LD50) mg/kg: Acute: 6560 (Rat.). DERMAL (LD50) mg/kg: Acute: 4120 (Rabbit.).
2) Sodium Hydroxide,	1310-73-2	3-7	Not available.	Not available.
3) Ethanolamine	141-43-5	3-7	Not available.	ORAL (LD50) mg/kg: Acute: 2050 (Rat.). DERMAL (LD50) mg/kg: Acute: 1000 (Rabbit.).
4) Liquefied petroleum gas	68476-85-7	3-7	TWA: 1000 (ppm) CEIL: 1250 TWA: 1800 (mg/m ³) CEIL: 2250	Not available.

SECTION III - PHYSICAL DATA

Boiling point: 100°C (212°F)	Specific Gravity: 1.05 (Water = 1)
Vapour Pressure: 14.03 mm of Hg (@ 20°C)	Vapor Density: 1.41 (Air = 1)
Solubility in Water: Soluble	Percent Volatile: 90% (w/w).
Physical State: Liquid.	Evaporation Rate: Not available.
Appearance and Odour: Beige. Lemon like.	pH (as supplied): 13.30 - 13.85 Viscosity: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Non-flammable. Aerosol The flammability of an aerosol by WHMIS definition is determined by its flame extension or its flashback. The flame extension of this product is 0 cm. Canadian NFC, Level 1.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Hazardous Combustion Products: Not applicable.

Means of Extinction: Non-flammable aerosol. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion. Self-contained respiratory protection should be provided for firefighters.

Special Fire Hazards: 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: Not available Do not expose aerosol containers to open flames, heat or ignition sources.

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SECTION V - REACTIVITY DATA

Stability:	The product is stable.
Incompatibility:	Extremely incompatible with oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalies, moisture. Highly reactive with strong reducing agents, organic materials and metals
Hazardous Decomposition Products:	Not available.

SECTION VI - TOXICOLOGICAL PROPERTIES

Routes of Entry	Ingestion. Skin contact. Inhalation. Eye contact.
Acute Effects on Humans:	EYE CONTACT: Corrosive to eyes on contact. May cause irritation, corneal burns, conjunctivitis and possible corneal damage. Vapours may be irritating to the eyes. SKIN CONTACT: Corrosive to skin on contact. Skin contact may produce burns. May cause moderate to severe irritation, defatting, drying and cracking of skin. Prolonged and repeated contact may lead to dermatitis. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. INHALATION: Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. INGESTION: May cause corneal opacity. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Can be fatal if inhaled or ingested.
Chronic Effects on Humans:	CARCINOGENIC EFFECTS NONE by ACGIH. Based on Sodium hydroxide. MUTAGENIC EFFECTS NONE by ACGIH Based on Sodium hydroxide. TERATOGENIC EFFECTS Repeated or prolonged exposure to spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.
Synergistic Materials:	Not available.

SECTION VII - PREVENTIVE MEASURES

Gloves:	Gloves (impervious).
Eye Protection:	Splash goggles.
Respiratory Protection:	Vapor respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
Other Protective Equipment:	Not applicable. aerosol containers
Engineering Controls:	Use only in well ventilated areas.
Leak and Spill Procedure:	Ventilate area. Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of acetic acid. Not applicable for aerosol containers.
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.
Storage Requirements:	Corrosive materials should be stored in a separate safety storage cabinet or room. Do not puncture, incinerate, store the container at temperatures above 49°C (120°F) or in direct sunlight.

SECTION VIII - FIRST AID

Eye:	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. COLD water may be used. Seek immediate medical attention.
Skin:	Wash the affected areas thoroughly with soap and water. If irritation persists, seek medical attention. Remove contaminated clothing and wash before reuse.
Inhalation:	Remove to fresh air. Oxygen may be administered if breathing is difficult. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.
Ingestion:	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek immediate medical attention.

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SECTION IX - OTHER INFORMATION

References Not available.
Additional remarks: No additional remark.

Validated by Lawrason's Inc on 1/1/2013.

Verified by Lawrason's Inc.

Printed 4/17/2014.

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