



Safety Data Sheet

Image Glass Cleaner Aerosol

SECTION 1. IDENTIFICATION

Product Identifier Image Glass Cleaner Aerosol

Other Means of Identification Code No. A34202

Recommended Use Glass Cleaner.

Restrictions on Use Use only as directed according to label instructions.

Manufacturer/Supplier Identifier Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832

Emergency Phone No. Mark Bryans, (905) 648-7832 ext 351, Monday to Friday, 8:00 AM to 3:30 PM
CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods

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SECTION 2. HAZARD IDENTIFICATION

Classification

Gas under pressure - Compressed gas; Eye irritation - Category 2A

Label Elements



Warning

Contains gas under pressure; may explode if heated.

May irritate the respiratory system.

Protect from sunlight.

Store in cool, well ventillated area.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Petroleum gases, liquefied, sweetened	68476-86-8	2-10		
Ethanol	64-17-5	1-5		
2-Butoxyethanol	111-76-2	1-5		

Notes

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

Concentrations are expressed in % weight/weight.

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SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

If irritation is experienced, remove person to fresh air.

If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor.

Skin Contact

IF ON SKIN (or hair), remove all contaminated clothing and launder before reuse.

Rinse skin with plenty of water or shower.

Call a physician if irritation develops or persists.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

Remove contact lenses, if present and easy to do.

If eye irritation persists, get medical advice or attention.

Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

Immediately call a Poison Centre or doctor.

Most Important Symptoms and Effects, Acute and Delayed

May irritate the respiratory system.

May cause skin irritation on prolonged contact.

Harmful if swallowed. May cause moderate to severe eye irritation.

Immediate Medical Attention and Special Treatment

Target Organs

Eyes, skin, respiratory system.

Medical Conditions Aggravated by Exposure

Asthma, skin allergies.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Foam, alcohol foam, carbon dioxide, dry chemical and water fog.

Unsuitable Extinguishing Media

Water may be ineffective but can be used to cool containers exposed to heat or flame.

Specific Hazards Arising from the Product

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide and other toxic fumes.

Special Protective Equipment and Precautions for Fire-fighters

Containers may explode if heated.

Wear full fire fighting equipment and self contained breathing apparatus.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Increase ventilation to area or move leaking container to a well-ventilated and secure area.

Eliminate all ignition sources. Use grounded, explosion-proof equipment.

Wear protective gloves and eye protection as a precaution.

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

Avoid breathing vapours.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Minimize the use of water to prevent environmental contamination.

Methods and Materials for Containment and Cleaning Up

Contain and collect spillage with non-combustible absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing.

Do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Avoid breathing in this product.

Wear gloves and eye protection as a precaution.

Do not puncture or incinerate (burn) cans. Do not stick pins, nails or any other sharp objects into opening on top of can.

Do not spray in eyes. Do not take internally.

Conditions for Safe Storage

Keep out of reach of children in a tightly closed container away from food, drink and animal feed.

Store and use in a cool, dry, well-ventilated area. Do not store above 48 C (120F).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Ethanol		1000 ppm	1900 mg/m3			
2-Butoxyethanol	20 ppm		25 ppm			
Petroleum gases, liquefied, sweetened	1000 ppm					

Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of vapour) below the recommended exposure limits.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Eyewash stations and showers should be available in areas where this material is used and stored.

Skin Protection

Use solvent-resistant protective gloves for prolonged or repeated contact.

Respiratory Protection

Avoid breathing vapours. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapour. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapour concentrations above PEL/TLV limits.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Basic Physical and Chemical Properties

Appearance	Clear liquid.
Odour	Not available
Odour Threshold	Not available
pH	10
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Boiling point/Initial boiling point	Not available
Boiling Range	Not available
Flash Point	> 93 °C
Flammability (solid, gas)	Will not burn.
Upper/Lower Flammability or Explosive Limit	Not available (upper)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	Not available
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Other Physical Property 2	VOC content by weight 10%

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Conditions to Avoid

High temperatures.

Freezing.

Incompatible materials.

Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

Hazardous Decomposition Products

May include but are not limited to oxides of carbon, nitrogen and ammonia.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation.

Skin contact.

Skin absorption.

Eye contact.

Ingestion.

Acute Toxicity

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Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ethanol	> 61 mg/L (rat) (4-hour exposure)	7060 mg/kg (rat)	> 15800 mg/kg (rabbit)
2-Butoxyethanol	450 ppm (rat) (4-hour exposure)	530 mg/kg (rat)	400-500 mg/kg (rabbit)
Petroleum gases, liquefied, sweetened	1,355 mg/L (rat) (2-hour exposure)		

Skin Corrosion/Irritation

May cause irritation or symptoms such as redness, edema, drying, defatting or cracking of the skin.

Serious Eye Damage/Irritation

May cause serious eye irritation based on information for closely related materials.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause irritation of the respiratory system.

Skin Absorption

May cause irritation on prolonged contact.

Ingestion

Harmful if swallowed.

Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No chronic effects are expected provided adequate person protection is taken during usage.

Respiratory and/or Skin Sensitization

Not expected to cause respiratory system problems when used in well ventilated areas with adequate respiratory system protection.

Carcinogenicity

Not known to cause cancer.

Reproductive Toxicity

Development of Offspring

Not known to harm the unborn child.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Effects on or via Lactation

Not known to cause effects on or via lactation.

Germ Cell Mutagenicity

Not known to be a mutagen.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

May cause long-term adverse effects in the aquatic environment.

Persistence and Degradability

Biodegradable.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

Do not cut, pressurize, weld or burn empty containers.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1950	Aerosols, Limited Quantity	2.2	If less than one liter, Limited Quantity

Special Precautions Please note: This product meets the exemption requirements and may be shipped as a "Limited Quantity".

Transport in Bulk according to International Maritime Organization Instruments

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

Listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

SDS Prepared By Mark Bryans

Phone No. (905) 648-7832 ext 351

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Disclaimer To the best of our knowledge, the information contained herein is accurate. However, the user of this product assumes all risks and responsibilities relating to the use of this product. No representation of warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or product to which the information refers.

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