



Safety Data Sheet

Fast Action Aerosol

SECTION 1. IDENTIFICATION

Product Identifier Fast Action Aerosol
Other Means of Identification Code No. A34002
Recommended Use Glass Cleaner.
Restrictions on Use Use only as directed according to label instructions.
Manufacturer Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832
Emergency Phone No. CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods
SDS No. 0321

SECTION 2. HAZARD IDENTIFICATION

Classification

Flammable aerosol - Category 1; Gas under pressure - Compressed gas; Skin irritation - Category 2; Eye irritation - Category 2A; Respiratory sensitization - Category 1B; Carcinogenicity - Category 1A; Specific target organ toxicity (repeated exposure) - Category 2

Label Elements



Danger
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Causes skin and eye irritation.
May cause cancer.
May cause damage to organs through prolonged or repeated exposure.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
2-Butoxyethanol	111-76-2	1-5		
Ethanol	64-17-5	1-5		
Propane	74-98-6	1-5		
n-Butane	106-97-8	1-5		
Morpholine	110-91-8	0.1-1.0		

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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

In case of contact, immediately flush skin with plenty of water.

If skin irritation or a rash occurs, get medical advice or attention.

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 severe eye irritation or burns.

May cause skin irritation on prolonged contact.

Harmful if swallowed.

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

Carbon dioxide, dry chemical powder or appropriate foam.

Unsuitable Extinguishing Media

Water.

Specific Hazards Arising from the Product

Extremely flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air.

Special Protective Equipment and Precautions for Fire-fighters

Wear full fire fighting equipment and respirator.

Containers may explode if heated.

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

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

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

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

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

Place used absorbent into suitable, covered, labelled containers for disposal.

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.

Conditions for Safe Storage

Store in a cool dry area away from incompatible materials.

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Butoxyethanol	20 ppm		25 ppm			
Morpholine	20 ppm					
Ethanol		1000 ppm	1900 mg/m3			
Propane	1800 mg/m3					
n-Butane		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.

Skin Protection

Wear protective gloves and clothing to prevent skin contact.

Respiratory Protection

Use in well ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless liquid.
pH	~ 7
Melting Point/Freezing Point	Not available (freezing)
Flash Point	~ -18 °C (0 °F)
Evaporation Rate	> 1
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available

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Vapour Density (air = 1)	> 1
Solubility	Not applicable in water
Other Information	
Physical State	Gas
Bulk Density	~ 0.95 kg/L

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

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Butoxyethanol	450 ppm (rat) (4-hour exposure)	530 mg/kg (rat)	400-500 mg/kg (rabbit)
Morpholine	2150 mg/kg (rat) (4-hour exposure)	1050 mg/kg (rat)	Not available
Ethanol	> 61 mg/L (rat) (4-hour exposure)	7060 mg/kg (rat)	> 15800 mg/kg (rabbit)
Propane	658 mg/L (rat) (4-hour exposure) (gas)		
n-Butane	658,000 mg/L (rat) (4-hour exposure) (vapour)		

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 produce any respiratory system problems when used in a well ventilated area.

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

May be mutagenic based on information for closely related chemicals.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

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

Persistence and Degradability

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

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.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1950	Aerosols, Non-Flammable	2.2	

Special Precautions Please note: Please note: Limited Quantity Exemption

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

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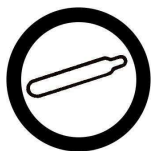
Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

WHMIS 1988 Classification



Class A



Class B5



Class D2B

A - Compressed Gas; B5 - Flammable Aerosol; D2B - Toxic (Skin irritant; Eye irritant; Mutagenicity)

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.

SECTION 16. OTHER INFORMATION

SDS Prepared By Mark Bryans

Phone No. (905) 648-7832 ext 351

Date of Preparation November 13, 2017

Disclaimer

The user of this product assumes all risks incident to the use of this product.

To the best of our knowledge, the information contained herein is accurate.

However, the supplier assumes no liability whatsoever for the accuracy or completeness of the information contained herein.

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 the product to which the information refers.

The data contained on this sheet apply to the products supplied to the user.

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