

SAFETY DATA SHEET

Lloyds Laboratories Inc.

Glass Cleaner – Part #51920

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Glass Cleaner
Date of Safety Data Sheet: October 6, 2017

Use of Preparation: Cleaner.

Company Identification: Lloyds Laboratories Inc.
613 Neal Drive,
Peterborough,
Ontario.
K9J 6X7

Manufacturers Telephone Number: 800 361-6766

24 Hour Telephone Number: CANUTEC 613-996-6666 or *666 for cell phone.

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA/ WHMIS 2015 Hazards:

Classification of substances or mixture

GHS-US/Canadian classification:

Pressurised container.

Label Elements

GHS Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Warning.

Hazard Statements (GHS):

Pressurized container may explode if heated.

Precautionary Statements (GHS):

P251: Pressurized container: Do not pierce or burn, even after use.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Description: Chemical.

Ingredient	CAS#	% by Wt	Classification
Ethylene Glycol Monobutyl Ether	111-76-2	1-5	Flammable Liquids Category 4 – H227 Skin Corrosion/Irritation Category 2 - H315
Ethanol	64-17-5	1-5	Flammable liquids, Category 2 Serious eye damage/eye irritation, Category 2A
Propane	74-98-6	1-5	Flammable gas 1 Liquefied gas
Butane	106-97-8	1-5	Flammable gas 1 Liquefied gas

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam.
Unsuitable extinguishing media:	No information available.
Special exposure hazards:	Thermal decomposition releases irritating gases.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion:	None.
Further information:	None.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe mist.

For Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel:

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Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up:

For Containment: Contain any spills with dikes to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately with absorbent and dispose of waste safely.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Protect from humidity and water.

Avoid storage near extreme heat, ignition sources or open flame.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well-sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:

Use local exhaust or dilution ventilation.

Hand protection:

Chemical resistant gloves.

Eye protection:

Safety goggles.

Skin protection:

Use body-covering impervious clothing.

Working hygiene:

Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

Exposure guidelines:

Contains no substances with occupational exposure limit values.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State

Liquid.

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Appearance	Liquid.	Odour	Typical.
Colour	Water white.	Odour Threshold	No data available.
Property	Values		
pH	Not applicable.		
Melting/Freezing Point	No data available.		
Boiling Point/Range	No data available.		
Flash Point	No data available.		
Evaporation Rate	No data available.		
Flammability	Not flammable.		
Flammability Limit in Air:	No data available.		
Upper Limit	No data available.		
Lower Limit	No data available.		
Vapour Pressure	No data available.		
Vapour density	No data available.		
Specific Gravity	0.98-1.00.		
Water Solubility	100 %.		
Solubility Other Solvents	No data available.		
Partition Coefficient:	No data available.		
n-octanol/water	No data available.		
Autoignition temperature	No data available.		
Decomposition	No data available.		
Temperature			
Kinematic Viscosity	No data available.		
Dynamic Viscosity	No data available.		
Explosive Properties	No data available.		
Oxidizing Properties	No data available.		
Other Properties:			
Softening Point	Not applicable.		
VOC Content %	No data available.		
Particle Size	Not applicable.		
Particle Size Distribution	Not applicable.		

10. STABILITY AND REACTIVITY

Reactivity	Stable at normal conditions of use.
Chemical stability	Stable at normal conditions of use.
Thermal decomposition/conditions to avoid:	
Possibility of hazardous reactions	None known.
Conditions to avoid	Incompatible agents.
Hazardous decomposition products	Oxides of carbon and nitrogen.
Materials to avoid	Oxidizing agents, acids.
Hazardous polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

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Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

Full formulation LD 50 oral < 5,000 mg/Kg (Oral/Rat) based on calculated values.

Primary irritant effect:

On the skin: None known.

On the eye: Slight irritation.

Sensitization: No ingredients listed.

Carcinogenicity: No ingredients listed.

Additional toxicological information: None known.

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified.
Persistence and Degradability:	Not available.
Bioaccumulative Potential:	Not available.
Mobility in Soil:	Not available.
Other Adverse Effects:	None known.
Other Information:	Ready biodegradable under OECD.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation:

UN number UN1950 UN proper shipping name AEROSOLS, non-flammable Class 2.2
Limited Quantity.

Canadian T.D.G.:

UN number UN1950 UN proper shipping name AEROSOLS, non-flammable Class 2.2
Limited Quantity.

15. REGULATION

EPA TSCA Inventory: Appears.

Canadian DSL: Appears.

EINECS: Appears.

WHMIS Classification: Not regulated.

HMIS III Rating

Health: 1 Slight Hazard - Irritation or minor reversible injury possible.

Date: October 6, 2017.

SDS: Lloyds Laboratories Inc. Glass Cleaner aerosol.

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Flammability: 0 Minimal Hazard.

Physical: 0 Minimal Hazard.

Personal Protection: B.

SDS US (GHS HazCom 2012 and WHMIS 2015).

16. OTHER INFORMATION

Prepared By: Technical Department

Issuing Date: October 6, 2017

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the 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.

End of Safety Data Sheet