



## Brilliant Blue Glass & Mirror Cleaner

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

Identification of Preparation: Brilliant Blue Glass & Mirror Cleaner

Date of Safety Data Sheet: May 10, 2018

Use of Preparation: Glass Cleaner

Company Identification: Parkside Professional Products Ltd.  
4777 Kent Avenue  
Niagara Falls, Ontario L2H 1J5  
OFFICE: 905-358-8364

Company Emergency Telephone Number: Emergency Phone: 905-358-8364

Transportation Emergency Telephone Number: CANUTEC 613-996-6666 or \* 666 for cell phone

### 2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Classification of substance or mixture

GHS-US/Canadian classification:

GHS Hazards

Gases under Pressure Liquefied Gas H280

Label Elements

GHS Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Warning

Hazard Statements (GHS):

H280: Contains gases under pressure, may explode if heated.

This product contains the following percentage of chemicals of unknown toxicity: 0%



## Brilliant Blue Glass & Mirror Cleaner

### Precautionary Statements (GHS):

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

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

### Response Statements (GHS):

P403: Store in well-ventilated place.

P410: Protect from sunlight.

P412: Do not expose to temperatures exceeding 50 C /122 F.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical

Ingredient	CAS#	% by Wt	Classification
2-Butoxyethanol	111-76-2	1-5	Skin Corrosion/Irritation Category 1A - H314
Ethyl Alcohol	64-17-5	1-5	Flammable Liquids Category 2 – H225 Serious Eye Damage/Eye Irritation Category 2A – H319
Propane/n-Butane	68476-86-8	10-30	Flammable Gases Category 2 – H221 Skin Corrosion/Irritation Category 2 – H315 Serious Eye Damage/Eye irritation Category 2B -H320

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
<b>Eye Contact:</b>	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
<b>Skin Contact:</b>	Thoroughly wash exposed skin with soap and water for 15 minutes. Seek medical attention if irritation develops.
<b>Ingestion:</b>	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.
<b>Acute Health Hazards:</b>	None known.
<b>Chronic Health Hazards:</b>	None Known
<b>Notes to Physician:</b>	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.



## Brilliant Blue Glass & Mirror Cleaner

### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Dry chemical, carbon dioxide, foam, and water spray or fog.
<b>Unsuitable extinguishing media:</b>	Not applicable.
<b>Special Fire Fighting Procedures:</b>	Wear NIOSH approved Self Contained Breathing Apparatus with a full-face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.
<b>Unusual Fire and Explosion Hazards:</b>	Contents under pressure. Exposure to temperatures above 120°F may cause bursting.
<b>Hazardous Combustion Products:</b>	Oxides of carbon.

### 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

**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:** Stop all leaks and isolate hazard area.

**Methods for Cleaning Up:** Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

**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.

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

#### 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:

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.



## Brilliant Blue Glass & Mirror Cleaner

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Specific end use(s): May be incompatible with Strong oxidizers, Alkalies, and Acids

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Not required with normal use.
Eye protection:	Safety goggles.
Skin protection:	Use body-covering clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure Guidelines:	

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
Ethyl Alcohol	1000 ppm	1000 ppm
Propane/n-Butane	1000 ppm	1000 ppm

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and Chemical Properties

<u>Property</u>	<u>Values</u>	<u>Odour</u>	<u>Remarks/Method</u>
Physical State	Foam		
Appearance	Foam	Odour	Pleasant
Colour	White	Odour Threshold	No data available.
pH	9.6	None known	
Melting/Freezing Point	No data available	None known	
Boiling Point/Range	> 212°F (100°C)	None known	
Flash Point	No data available	None known	
Evaporation Rate	< 0.8 (Slow)	None known	
Flammability (solid, gas)	Non-Flammable Aerosol	None known	
Flammability Limit in Air:			
Upper Limit	No data available	None known	
Lower Limit	No data available	None known	
Vapour Pressure	17.5 mmHg @ 77°F (25°C)	None known	
Vapour density (air=1)	1	None known	
Specific Gravity	0.99		
Water Solubility	100%	None known	



## Brilliant Blue Glass & Mirror Cleaner

Solubility Other Solvents	No data available	None known
Partition Coefficient:		
n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition Temperature	No data available	None known
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

### Other Properties:

Softening Point	No data available
VOC Content %	9%
Particle Size	No data available
Particle Size Distribution	No data available

## 10. STABILITY AND REACTIVITY

Reactivity	None known
Chemical stability	Stable
Conditions to avoid	Temperatures greater than 122°F and sources of ignition.
Hazardous Decomposition Products	None known.
Incompatibility:	Strong oxidizers, Alkalies, Acids
Possible Hazardous Reactions:	None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values relevant for classification

#### 2-Butoxyethanol CAS # 111-76-2:

LD50 (Oral, Rat) 470 mg/kg;

LC50 (Inhalation, Rat, 4hr) 450 ppm;

LD50 (Dermal, Rabbit) 220 mg/kg;

Investigated as a tumorigen, mutagen, reproductive effector.

**Reproductive Toxicity:** Has shown teratogenic effects in laboratory animals.

**Routes of Entry** Inhalation, ingestion, eye or skin contact

**Eyes:** May cause irritation.

**Ingestion:** Not a likely route of exposure under normal product handling conditions.

**Inhalation** Causes dizziness if inhaled directly or exposed to excessive amounts.

**Skin:** May cause mild irritation, localized defatting.

**Medical Condition Aggravated:** None known

**Acute Health Hazards:** None known

**Chronic Health Hazards:** None known

Date: May 10, 2018

SDS: Parkside Professional Products Ltd. Brilliant Blue Aer.



## Brilliant Blue Glass & Mirror Cleaner

Carcinogenicity:  
 Chemical Name CAS Number IARC NTP OSHA  
 No ingredient listed.

### 12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and Degradability:	Not available
Bioaccumulative Potential:	This product is not expected to bioaccumulate.
Mobility in Soil:	This product is mobile in soil.
Other Adverse Effects	
Other Information:	Avoid release to the environment.
Aquatic Toxicity:	<u>2-Butoxyethanol CAS# 111-76-2:</u> Toxic to aquatic life only in high concentrations. Lethal concentrations not available.
Toxicity to algae, fish invertebrates	<u>Ethyl Alcohol CAS # 64-17-5:</u> LC50 (Fish, 96hr) 12,900-15,300 mg/L; LC50 (Bacteria, 24hr) 11,200 mg/L; EC50 (Bacteria, 5-30 min) 34,900 mg/L
Biodegradation:	Biodegradable.

### 13. DISPOSAL

**Waste Disposal Recommendations:** Dispose of in accordance with federal, state, and local regulations.  
**Ecology – Waste Materials:** Avoid release to the environment.  
**RCRA Status:** Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### 14. TRANSPORTATION INFORMATION

**Canadian TDG (Road & Rail):** Regulated material (limited quantity)  
 Shipping Name: Aerosols  
 Hazard Class: 2.1  
 Identification Number: UN 1950  
 Packaging Group: Not available.

**U.S. Department of Transportation (DOT):** Regulated material (limited quantity)  
 Shipping Name: Aerosols  
 Hazard Class: 2.1  
 Identification Number: UN 1950  
 Packaging Group: Not available.



## Brilliant Blue Glass & Mirror Cleaner

**Water Transportation (IMO):** Regulated material (limited quantity)

Shipping Name: Aerosols

Hazard Class: 2.1

Identification Number: UN 1950

Packaging Group: Not available.

**Air Transportation (IATA):** Regulated material (limited quantity)

Shipping Name: Aerosols

Hazard Class: 2.1

Identification Number: UN 1950

Packaging Group: Not available.

### 15. REGULATION

**Occupational Health & Safety Regulations:**

WHMIS Classification: Class D - Division 2B.



OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

#### International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	-
AICS	Complies

#### Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances



## Brilliant Blue Glass & Mirror Cleaner

KECL - Korean Existing and Evaluated Chemical Substances  
PICCS - Philippines Inventory of Chemicals and Chemical Substances  
AICS - Australian Inventory of Chemical Substances

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains the following chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

2-Butoxyethanol CAS # 111-76-2: 1.5-2.5%

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### HMIS III Rating:

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

Flammability: 1 Slight Hazard

Physical: 0 Minimal Hazard

Personal Protection: A

SDS US (GHS HazCom 2012) SDS Canada (GHS WHMIS 2015)





## Brilliant Blue Glass & Mirror Cleaner

### 16. OTHER INFORMATION

**Prepared By:** Parkside Professional Products Ltd  
4777 Kent Avenue  
Niagara Falls, Ontario  
L2H 1J5  
905-358-8364

**Issuing Date:** May 10, 2018

**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**