

* * * MATERIAL SAFETY DATA SHEET * * *

SECTION I – Chemical Product & Company Identification

PARKSIDE PROFESSIONAL PRODUCTS 4777 Kent Avenue Niagara Falls, Ontario L2H 1J5 PHONE: (905) 358-8364	PRODUCT NAME: Brilliant Blue Glass Cleaner PRODUCT USE: Aerosol Glass Cleaner PRODUCT CODE: FD385 FAX: (905) 358-9680	HMIS RATINGS: Health 1 Flammability 0 Reactivity 1 PPE A
EMERGENCY TELEPHONE NUMBER: CANUTEC (613) 996-6666		Preparation Date: December 1, 2014

SECTION 2 – Hazard Identification

EMERGENCY OVERVIEW: Aerosol under pressure. Do not expose to high temperatures (120°F) or store in direct sunlight.

Routes of Entry: Eyes. Ingestion. Inhalation. Skin.

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 Conditions Aggravated: none known

Chronic Health Hazards: none known

Carcinogenicity: OSHA: No ACGIH: No NTP: No IARC: No Other: not available

SECTION 3 – Composition/Information on Ingredients

Chemical Name	Wt/Wt%	CAS #	ACGIH TLV	OSHA PEL
2-Butoxyethanol		111-76-2	20 ppm	50 ppm
Ethyl Alcohol		75-28-5	1000 ppm	1000 ppm
Propane/N-Butane		68476-86-8	1000 ppm	not available

SECTION 4 - First Aid Measures

Eye Contact: Immediately flush with water for 15 to 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

Skin Contact: Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.

Inhalation: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing, administer artificial respiration or at any sign of loss of consciousness, seek medical attention.

Ingestion: Do not induce vomiting unless directed by my medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of warm water. Seek immediate medical attention.

SECTION 5 - Fire Fighting Measures

Flash Point & Test Method: not tested

Auto-Ignition Temperature:

Conditions of Flammability:

Hazardous Combustion Products: none known

Sensitivity to Mechanical Impact: none known

Unusual Fire & Explosion Hazard: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

Special Fire Fighting Procedures: 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.

Upper Flammable Limit: not available

Lower Flammable Limit: not available

Means of Extinction: Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.

Sensitivity to Static Discharge: none known

SECTION 6 – Accidental Release Measures

Procedures for Leaks or Spills: Use non-combustible material like vermiculite, sand or earth on spill and sweep to clean. Dispose of in accordance with local, provincial and federal laws. Small spills may be wiped up with wiping material.

Waste Disposal: Dispose of in accordance with local, provincial and federal regulations. Do not dump in sewers. Wrap container and place in trash collections. Do not puncture, incinerate or reuse container.

SECTION 7 – Handling & Storage

Storage Requirements: Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120°F may cause bursting.

Other Precautions: None

SECTION 8 – Exposure Controls and Protective Protection

Personal Protective Equipment:

Eyes: not required with normal use

Gloves: none

Respiration: not required with normal use

Additional Measures: follow normal hygiene practices

Engineering Controls/Ventilation: Ambient ventilation suitable. Forced ventilation should not be required.

SECTION 9 - Physical & Chemical Properties

Physical State: liquid

Vapour Pressure (mm Hg @25°C/77°F): 17.5

Odour/Appearance: pleasant scent/white foam

Odour Threshold:

Coefficient of Water/Oil Distribution:

Evaporation Rate: < 0.8 (slow)

Volatility Including Water (%): 100

Specific Gravity: 0.99 (water = 1)

pH: 9.6

Freezing Point: not tested

Boiling Point (°C @ 1 atm): 100 (212°F)

Vapour Density: 1 (air = 1)

Solubility in Water: 100%

Volatile Organic Compounds (VOC): 8.5%

SECTION 10 – Stability & Reactivity

Conditions of Chemical Instability: stable

Incompatible Substances: strong oxidizers, alkalis, acids

Conditions of Reactivity: not known

Hazardous Polymerization: will not occur

Special Shipping Information: not known

Hazardous Decomposition Products: none known

Conditions to Avoid: temperatures above 120°F may cause bursting.

SECTION 11 - Toxicological Information

Toxicological Information:

2-Butoxyethanol (111-76-2) LD₅₀ (Oral, Rat) 4700 mg/kg; LC₅₀ (Inhalation, Rat, 4 hr) 450 ppm; LD₅₀ (Dermal, Rabbit) 220 mg/kg; investigated as tumorigen, mutagen, reproductive effector. *Reproductive Toxicity:* Has shown teratogenic effects in laboratory animals.

SECTION 12 - Ecological Information

Ecological Information:

Ethyl Alcohol (64-17-5) LC₅₀ (Fish, 96 hr) 12,900-15,300 mg/L; LC₅₀ (Bacteria, 24 hr) 11,200 mg/L; EC₅₀ (Bacteria, 5-30 min) 34,900 mg/L
2-Butoxyethanol (111-76-2) Toxic to aquatic life only in high concentrations. Lethal concentrations not available.

SECTION 13 – Disposal Consideration

Waste Disposal: Dispose of in accordance with federal, provincial and local regulations. Do not dump into sewers. Wrap container and place in trash collection. Do not puncture, incinerate or reuse container.

SECTION 14 – Transport Information

Proper Shipping Name: Non-Corrosive Cleaning Compound. Aerosols, Ltd. Qty Class 2

UN: 1950

Hazard Class: 2.1

Packing Group:

SECTION 15 – Regulatory Information

TSCA Status: all chemicals are listed or exempt

CERCLA (Comprehensive Response Compensation, and Liability Act): none

SARA 311/312 Hazard Categories:

2-Butoxyethanol (111-76-2) Acute health hazard. Chronic health hazard.

Ethyl Alcohol (64-17-5) Acute health hazard. Chronic health hazard. Fire hazard.

SARA 313 Reportable Ingredients:

2-Butoxyethanol (111-76-2)

Clean Water Act: none

Canadian Regulations: DSCL (EEC), NDSL

SECTION 16 - Other Information

Manufacturer/Supplier: Parkside Professional Products, 4777 Kent Avenue, Niagara Falls, Ontario L2H 1J5 **Telephone:** (905) 358-8364

Preparer: Parkside Professional Products, 4777 Kent Avenue, Niagara Falls, Ontario L2H 1J5

Telephone: (905) 358-8364

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