



Low Acid

Bathroom Cleaner

RESTROOM CARE

DESCRIPTION: Brilliant's Low Acid Bathroom Cleaner is a low acid bathroom cleaner formulated to remove lime and hard water deposits, soap scum. Rust, gray and yellow stains from toilet bowls, urinals, and other acid resistant surfaces.

DIRECTIONS: WEAR RUBBER GLOVES, AND GOGGLES OR FACE SHIELD AT ALL TIMES. DO NOT USE ON MARBLE, TERRAZZO, ALUMINUM. SPOT TEST ON UNKNOWN SURFACES.

- For cleaning toilet bowls and urinals: Flush toilet, then squirt product onto encrustation in hard to reach areas. Let stand 3 to 5 minutes. Swish with bowl mop or brush, then flush.
- To clean bathtubs, sinks, wash basins, shower stalls, drinking fountains, coffee urns, ceramic tile floors and other enameled and plated surfaces: Dilute 1 part product to 3 parts water and apply to all surfaces thoroughly with swab, mop, sponge, brush or cloth. Allow product to remain for at least 10 minutes, then rinse thoroughly with clean water.

PACKAGING:	SIZE	CATALOG #
	4/1 gallon case	64800304
	12/1 quart case	64800312

PRODUCT SPECIFICATIONS

Acid Content:	9.0%± .5%	Rust Removal:	excellent
Color:	blue emulsion	Detergency:	excellent
Odor:	winter mint	Rinsability:	excellent
Base:	hydrochloric acid	Fumes:	none
pH:	.5 - 1.0	Flash Point:	none
Viscosity:	watery thin	Biodegradability:	complete
Foam:	moderate	Storage/Stability:	2 years
Abrasives:	none	Weight per Gallon:	8.67 lbs

BRILLIANT PRODUCTS
P. O. Box 1425 Avon Park, FL 33826
Phone: 863-452-3872 Fax: 863-452-3878

CONTROLLED

Issue Date: 08/10/05
Form PB64800312B, Rev (B)

MATERIAL SAFETY DATA SHEET

Prepared By: M. Cueto

(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: LOW ACID BATHROOM CLEANER
Generic Name: Emulsion Bowl Cleaner
Product Group: Restroom Cleaners

Supplier's Name: BRILLIANT PRODUCTS
 P.O. BOX 1425
 AVON PARK, FL 33826
Phone #: (863)-452-3872

SECTION 2- INGREDIENT INFORMATION

CHEMICAL NAME	CAS #	WT %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100	N.A.	N.A.	N.A.
Hydrochloric Acid	7647-01-0	5 TO 10	C5 ppm	C5 ppm	N.A.
Nonionic Surfactant	9016-45-9	0 to 5	N.A.	N.A.	N.A.
Acrylic Latex	N.A.	0 to 5	N.A.	N.A.	N.A.
Dimethyl Benzyl Ammonium Chloride	68424-85-1	0 to 5	N.A.	N.A.	N.A.
Perfume Oils	N.A.	0 to 5	N.A.	N.A.	N.A.

SECTION 3- PHYSICAL DATA

Boiling Point: 214° F
Vapor Pressure: 25mm Hg @ 68° F
% Volatile: 90+%
Solubility in Water: complete
Physical Description: Thin blue opaque liquid with pleasant odor.

Specific Gravity: 1.041
Vapor Density (Air=1): >1
pH: .5 - 1.0
Evaporation Rate (Water=1): <1

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: N.A.
Extinguishing Media: N.A.
Special Firefighting Procedures: non-flammable
Unusual Fire and Explosion Hazards: N.A.
Upper Explosion Limits: N.A. **Lower Explosion Limits:** N.A.

SECTION 5- REACTIVITY DATA

Stability: stable
Hazard Decomposition Products: Hydrogen or chlorine gas.
Incompatibility (Materials to Avoid): Strong alkalis or oxidizers. Contact with aluminum, soft metals and iron may generate hydrogen gas.
Hazardous Polymerization: Will not occur

SECTION 6- STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Do not mix with alkali cleaners, oxidizers or other cleaning products. Keep container closed during storage. For industrial and institutional use only. Avoid contact with eyes, skin and clothing. Wear rubber gloves and protective eyewear when handling. Wash hands after each use. Avoid breathing mist or vapors. Use in well ventilated area only. Avoid contact with aluminum, Brass, iron, and strong alkali cleaners or bleaches.

SECTION 7- HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Skin: Skin irritant. Prolonged or repeated contact may cause permanent chemical burns.
Eyes: Severe eye irritant. Liquid and mists may burn or injure eyes, causing permanent corneal damage.
Inhalation: Irritating to mucous membranes of the nose, throat, and lungs. Vapors may cause choking, burning sensation of throat and lungs, leading to irreversible damage.
Ingestion: Irritating and corrosive to mouth and throat on immediate contact. May cause headache, nausea, abdominal pains, vomiting and diarrhea. Excessive amount may cause col-lapse.
First Aid Procedures
Skin: Remove contaminated clothing. Flush exposed area with large quantities of water fol-lowed by washing with mild soap. Seek medical attention if irritation persists.
Eyes: Immediately flush with large quantities of water. Seek medical attention immediately.
Inhalation: Remove to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well ventilated area.
Ventilation Requirements: provide mechanical exhaust to keep TLV of Section 2 ingredients (hydrochloric acid) below acceptable limits.
Protective Gloves: acid-proof rubber, or neoprene
Eye Protection: goggles with side shield and full face shield.
Other Protective Equipment: Eyewash station nearby, chemical resistant apron should be worn when danger of splash contact will occur.

SECTION 9-SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways
Waste Disposal: Any method in accordance with local, state, and federal laws. Best method is to recycle or reuse for intended purposes. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river, or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

<p>SARA Title III – Section 311/312 – Hazard: (Y/N): Fire: N Sudden Release of Pressure: N Reactivity: N Acute (IMMEDIATE) Health Hazard: Y Chronic (DELAYED) Health Hazard: N Other: May aggravate pre-existing skin, eye or respiratory conditions with long term exposure.</p>	<p>Shipping Information, Shipping Name: Containers > 1 gallon: compound, cleaning liquid (hydrochloric acid) 8,NA-1760 PG II Container 1 gallon: compound, cleaning liquid (hydrochloric acid) 8,NA-1760 PG II Container < 1 gallon: compound, cleaning liquid (hydrochloric acid) 8,NA-1760 PG II</p>	HMIS Hazardous Material Identification System	
		Health	3
		Flammability	0
		Reactivity	1
		Personal Protection	D

For **emergency** and **medical** help line, call **INFOTRAC** at **1-800-535-5053**, 24 hours a day, 7 days a week for information on all our products and/or MSDS. Obtain an MSDS at www.pride-enterprises.org/MSDS/menu.htm or call customer service at **(863)-452-3872**.

SECTION 11- OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts No responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other product s. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept NO liability for damages or loss incurred from the improper handling and use of this product.