



ROYAL BLUE

Cleaner for Porcelain, Toilet Bowls & Urinals

Liampadoro de inodoros y urinarios

Technical Data

Where To Use

- Toilets and urinals
- Sinks
- Ceramic tile
- Bathtubs
- Showers
- Porcelain surfaces

Specifications

Available Sizes	12/1Q
Physical State	Liquid
Color	Blue
Fragrance	Minty Fresh
EPA Registered	No
Viscosity	500 cps
Acid Content	9% Hydrochloric
Specific Gravity	1.044
Detergency	Excellent
pH	< 1.5

What the Pros Know

Hydrochloric Acid Bowl Cleaners aggressively go after mineral deposits. Their use is advised in areas with high mineral content water supplies. Do NOT mix with bleach, ammonia, or non-acid restroom products. Clinging products provide improved cleaning ability on vertical surfaces.

- 9% hydrochloric cleaner - Strong enough for heavy soils, yet gentle enough for everyday use
- Minty fresh - Leaves rooms smelling fresh and clean
- Thick, clinging liquid - Cleans vertical surfaces better

Keep toilets, urinals, and lavatories clean without the objectionable fumes or hazards of concentrated acid cleaners. This 9% inhibited hydrochloric acid cleaner and descaler is an excellent choice for economical daily restroom cleaning. It is also effective in the cleaning of tile, grout, and the removal of soap scum and mildew.

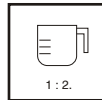
Directions

Wear safety equipment recommended on MSDS, and read all directions and cautions prior to beginning your work. See label for complete directions and use only as directed.



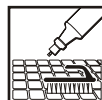
TO CLEAN TOILETS AND URINALS:

Use full strength. Apply with a bowl mop or swab. Scrub, and rinse thoroughly with clear water.



TO CLEAN LAVATORIES, BATHTUBS, SHOWER STALLS, TILE and porcelain- enameled surfaces:

Dilute 1 part cleaner with 2 parts water (1:2).



Apply to surface and scrub. Rinse and wipe clean. (Avoid use of this product on chrome and nickel-plated surfaces, or on stainless steel. Do not mix with chlorine-type bleaches or other household chemicals.)



Minty fresh

Cleans
better

Clinging action



MANUFACTURED FOR: TRIPLE S Billerica, MA 01862 1-800-323-2251
 EMERGENCY TELEPHONE: 1-888-779-1339

SECTION 1 - PRODUCT

NAME: ROYAL BLUE BOWL CLEANER
 Triple S Product No: 13012
 Product Type: Acid Toilet Bowl Cleaner

HMIS HAZARD RATING		0-LEAST / MÍNIMO
HEALTH SALUD	3	1-SLIGHT / LIGERO
FLAMMABILITY INFLAMABILIDAD	0	2-MODERATE / MODERADO
REACTIVITY REACTIVIDAD	0	3-HIGH / SERIO
PERSONAL PROTECTION PROTECCION PERSONAL	C	4-EXTREME / MUY GRAVE
		C - glasses / lentes + gloves / guantes + apron / delanto

SECTION 2 - HAZARDOUS INGREDIENTS

Hydrochloric Acid CAS #7647-01-0 Wt%=9.12

SECTION 3 - HEALTH HAZARD & FIRST AID

- Acute health effect: Yes
- Chronic Health Effect: Yes
- Carcinogen: NO
- Primary Entry Routes:
 - Inhalation: Hydrogen Chloride gas and vapor can cause damage of respiratory tract and nasal passages causing burning, choking, coughing, headaches, and irreversible damage to respiratory tract.
 - Skin and Eyes: Liquid and vapor can cause severe irritation and burning of the skin and eyes. Repeated exposure may cause skin damage. Liquid or vapor can cause severe eye irritation and burns including blindness.
 - Ingestion: Causes burns of the mouth, esophagus, and stomach.
- First Aid:
 - Inhalation: Move person to fresh air. If breathing stops give artificial respiration-get immediate medical attention.
 - Skin: Remove contaminated clothing and wash skin with soap and water. If irritation persists get medical attention.
 - Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get medical attention.
 - Ingestion: Give 3-4 glasses of milk (if unavailable give water)DO NOT induce vomiting-if vomiting occurs, give fluids again and get immediate medical attention.

SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS

- Physical State: Liquid
- Color: Blue
- Odor: Wintergreen
- Solubility in water: Complete
- Specific Gravity (H2O=1.0): 1.044
- pH: <1.5
- Freezing Point: N/A
- Flash Point: None (will not burn)
- Vapor Pressure: N/A

SECTION 5 - FIRE AND EXPLOSION HAZARD

- Flash Point: None (will not burn)
- Extinguishing Media: N/A
- Special Fire Fighting Procedures: None
- Unusual Fire & Explosion Hazard: Fire fighters should observe all precautions that apply to any fire where chemicals are stored.

SECTION 6 - REACTIVITY DATA

- Stability: Stable
- Conditions to Avoid: Heat (may release chlorine gas). Thermal decomposition may produce toxic vapors/fumes of amines and other organic materials, hydrogen chloride, and oxides of carbon and nitrogen.

SECTION 7 - SPILL OR LEAK PROCEDURES

- DANGER. CORROSIVE MATERIAL. Floors may become slippery. Toxic and corrosive vapors of hydrogen chloride may be produced. Wear recommended Personal Protection Equipment.
- If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
- Acid may be neutralized with baking soda.
- Abide by Federal, State, and Local regulations.

SECTION 8 - PERSONAL PROTECTION

- Use this product in a well ventilated area.
- Wear goggles.
- Wear rubber gloves.
- Wear apron.

SECTION 9 - SPECIAL PRECAUTIONS

- Store containers tightly closed and in an upright position. Store at temperatures below 140F.
- Do not destroy or deface the label.

SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:
 None

SECTION 11 - TOXICOLOGICAL INFORMATION

Based on available animal toxicity data for similar products, this product will cause severe skin or eye damage and/or burns upon direct or prolonged contact or inhalation.

SECTION 12 - ECOLOGICAL INFORMATION

None

SECTION 13 - DISPOSAL CONSIDERATIONS

- See Section 7 above.

SECTION 14 - DOT TRANSPORT INFORMATION

- This product is in Package Group II.
- Liters and smaller are classed as CONSUMER COMMODITY ORM-D thus are exempt from regulation.
- Gallons and larger ARE regulated.
- The Bill of Lading
 Proper Shipping Name: Corrosive liquid, acidic, inorganic, n.o.s.
 Class: 8
 ID: UN3264
 PG: II
 Hazardous Material: (contains Hydrochloric acid)

SECTION 15 - OTHER REGULATORY INFORMATION

All ingredients appear on the TSCA Inventory List.

SECTION 16 - OTHER INFORMATION

- N/A = Not Applicable
- PMCC = Pensky Martin Closed Cup
 The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.