



Brite-N Clean

Washroom Cleaner

DESCRIPTION

Truly multi-purpose...**Brite-N-Clean** acid cleaner replaces several products with one as it cleans and brightens in a single operation. Featuring a light, clean fragrance and active quaternary disinfectant, **Brite-N-Clean** is specially designed to cling to both vertical and horizontal surfaces to provide longer contact time to clean and deodorize.

Brite-N-Clean removes water deposits, rust and stains from toilet bowls, urinals, bathroom fixtures, ceramic tiles and grouting.

SPECIAL INFORMATION

Avoid contacting **Brite-N-Clean** with eyes and skin. Store upright at temperatures above freezing and do not mix with Bleach or any other cleaners.

DIRECTIONS

Brite-N-Clean replaces harsh hydrochloric acid bowl cleaners for regular washroom maintenance with a safer phosphoric acid-based cleaner.

Toilet bowls and urinals:

Squirt on, clean with a swab or brush, then flush.

Chrome fixtures:

Apply with a damp cloth and wipe clean.

Ceramic tile and grouting:

Apply with a brush; wipe clean with damp cloth or sponge.

PHYSICAL DATA

Appearance	Thickened liquid
Color	Blue
Foam	Moderate
Odor	Cherry
pH (3.1%)	2.0 - 2.5

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **BRITE-N-CLEAN**

WHMIS CODE: E
 Proper Shipping Name: PHOSPHORIC ACID, SOLUTION
 Hazard Class: Class 8, P.G. III
 UN Number: UN 1805 (Ltd. Qty.)

HMIS	
3	Health
0	Flammability
0	Reactivity
B	Personal

Product Use: *Washroom acid cleaner.*

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A=Goggles, B=Goggles & Gloves
 C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
ETHYLENE GLYCOL MONOBUTYLETHER The above item is reported per 40 CFR 372, Section 313 of Emergency Planning & Community Right-to-know Act of 1986. LD50 (oral rat) 1746 mg/kg LD50 (dermal) 435 mg/kg (Rabbit) LC50 700 ppm, 7hr. (Mouse)	111-76-2	1.0-5.0	N/D	25 ppm TWA
ISOPROPYL ALCOHOL The above item is reported per 40 CFR 372, Section 313 of Emergency Planning & Community Right-to-know Act of 1986. LD50 (oral rat) 5045 mg/kg LD50 (dermal) 12,800 mg/kg (Rabbit) LC50 N/D	67-63-0	1.0-5.0	N/D	400 ppm
PHOSPHORIC ACID LD50 (oral rat) 1530 mg/kg LD50 (dermal) 2740 mg/kg LC50 No Data	7664-38-2	5.0-10.0	1 ppm	1ppm
ALCOHOL ETHOXYLATE LD50 (oral rat) 1376 mg/kg LD50 (dermal rabbit) >2 g/kg	68439-46-3	1.0-5.0	N/A	N/A

SECTION 3 – PHYSICAL DATA

Color and Odor: Viscous blue, cherry fragrance
Boiling Point: N/D
Vapor Pressure (mm HG): N/D
pH: 2.1 @ 4.9% solution.
Physical State: Liquid.
Melting Point: N/A
Vapor Density: N/D
Specific Gravity: 1.09 @ 20°C
Coef. Water/Oil Dist: Greater than 1.0
Evaporation Rate: N/D
Solubility in Water: Soluble
Odor Threshold: No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to 100°C (TCC)
Sensitivity to Mechanical Impact: None.
Extinguishing Media: Not flammable.
Flammable Limits: None known.
Sensitivity to Static Discharge: None.
Auto ignition Temperature: None known.
Conditions of Flammability: None.
Unusual Fire and Explosion Hazards: Prolonged contact with reactive metals (i.e. aluminum, tin, zinc, etc.) May form flammable and explosive hydrogen gas in confined areas.
Hazardous Combustion Products: May liberates oxides of phosphorus under fire situation.
Special Fire Fighting: Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions.
Hazardous Polymerization: Will not Occur.
Incompatibility (material to avoid): Avoid contact with strong alkali or soft metals like aluminum, zinc etc.
Hazardous Decomposition Products: May liberates oxides of phosphorus under fire situation.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.
Routes of Entry: Skin, eyes, inhalation.
Irritancy of Product: Corrosive to skin, eyes and respiratory system.
Carcinogenicity: None known.
Sensitization: None known.
Mutagenicity: None known.
Name of Toxicological Synergistic Product: None known.
Reproductive Toxicity: None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation or dermatitis, respiratory disorder, or lung damage.
Effects of Acute Exposure to Product: Product exposure may burn eyes and irritate or burn skin. Inhaling vapors or mists may cause respiratory discomfort such as breathing problems, burning, coughing, etc. Ingestion may cause gastrointestinal and abdominal discomfort.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Use a NIOSH/MSHA approved acid gas respirator for vapors and a dust/mist respirator for misting or spraying operations.
Ventilation: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Protective Gloves: Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection: Chemical goggles, safety goggles or glasses.
Protective Clothing and Equipment: Long sleeve coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.
Special Shipping Information: Store at temperatures below 30°C (86°F) and keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid: If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA