



Material Safety Data Sheet

Flexo Products Limited 4777 Kent Avenue, Niagara Falls, ON L2H 1J5
 Phone: (905) 354-2723 Fax: (905) 354-1301 Web Site: www.flexoproducts.com

Tile & Grout Cleaner

Use: Bathroom Cleaner

Code: FH500J

Date of MSDS: December 1, 2017

WHMIS: E

TDG: Not Regulated

HMIS: Health - 2, Flammability - 0, Reactivity - 0, PPE - B

Emergency Telephone #
CANUTEC 613-996-6666

I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Phosphoric Acid	1-5	7664-38-2	1530 oral rat	not available
Citric Acid	1-5	77-92-9	not available	not available

II - PHYSICAL DATA

Physical State: liquid	Viscosity: water thin	Vapour Pressure: not available
Oil/Water Factor: not available	Appearance: clear blue	pH: 1.25-1.50
Vapour Density: not available	Evaporation Rate: similar	Odour: mild
Specific Gravity: 1.042	Boiling Point (°C): 98	Odour Threshold: not available
Freezing Point (°C): not available		

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: not flammable	UFL: not available
Flash Point and Test Method: none	LFL: not available
Sensitivity to Static Discharge or Mechanical Impact: not available	Auto-Ignition Temperature: not available
Hazardous Combustion Products: oxides of carbon	
Means of Extinction: treat for surrounding material	

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable	Conditions of Reactivity: not applicable
Incompatible Substances: aluminum, magnesium, strong caustics, strong oxidizing agents	
Hazardous Decomposition Products: not available	
Storage Requirements: store in closed containers away from incompatible materials	

V - TOXICOLOGICAL PROPERTIES

Synergistic Materials: none known	Route(s) of Entry: skin, eyes, ingestion, inhalation
Irritancy of Product: corrosive	Sensitization: not available
Acute Effects	Chronic Effects
Eye: can cause severe irritation, reddening and swelling	Carcinogen: none known
Skin: may cause moderate to high irritation	Teratogen: none known
Inhalation: not available	Mutagen: none known
Ingestion: can cause vomiting, headache and medical problems	Reproductive Toxin: none known
Prolonged or Repeated Exposure: Skin - can cause drying, defatting or dermatitis	

VI - FIRST AID MEASURES

Eye Contact:	Immediately flush with water for 15 minutes. If irritation persists, contact a physician.
Skin Contact:	Immediately flush with water for 15 minutes. Contact a physician if irritation develops. Completely decontaminate clothing, shoes and leather goods, or discard.
Inhalation:	Remove to fresh air. If symptoms persist, contact a physician.
Ingestion:	Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

VII - PROTECTIVE EQUIPMENT

Personal Protective Equipment:	
Eyes: safety glasses	Skin: impermeable gloves
Respiratory: not normally required if good ventilation is maintained	
Ventilation: general ventilation normally adequate	

VIII - SPECIAL MEASURES

For Leaks or Spills: Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Waste Disposal: Review all Federal, Provincial and local regulations prior to disposal.

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