

FLEXO Material Safety Data Sheet

Flexo Products Limited 4777 Kent Avenue, Niagara Falls, ON L2H 1J5
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Indo 300

Use: Acid Cleaner Concentrate

Code: FI300

Date of MSDS: December 1, 2014

WHMIS: E

TDG: CORROSIVE LIQUID, N.O.S. (phosphoric acid)
 Class 8 UN1760 PGII

HMIS: Health - 3, Flammability - 0, Reactivity - 1, PPE - B

Emergency Telephone #

CANUTEC 613-996-6666

I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Phosphoric Acid	30-60	7664-38-2	1530 oral rat	not available
Non-Ionic Surfactant	0.5-1.5	68131-39-5	1800 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid	Viscosity: slightly viscous	Vapour Pressure: not available
Oil/Water Factor: not available	Odour: pungent	pH: 0.70
Vapour Density: heavier	Evaporation Rate: slower	Specific Gravity: 1.15-1.25
Boiling Point (°C): not available	Odour Threshold: not available	Appearance: amber green
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 and phosphorus	
Means of Extinction: Treat for surrounding material. Corrosive material. Container may burst in heat of fire.	

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable	Conditions of Reactivity: not applicable
Incompatible Substances: alkaline & chlorinated products	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: Medium-High, Corrosive.	Sensitization: not available
Acute Effects	Chronic Effects
Eye: can cause burns, severe corneal damage and blindness	Carcinogen: none known
Skin: redness, burns, pain and blistering	Teratogen: none known
Inhalation: nose, throat and respiratory tract irritation, coughing & headache	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 before reuse 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.