

FLEXO Material Safety Data Sheet

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Indo 303

Use: Acid Cleaner
Concentrate

Code: FI303

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 - 0, PPE - B

Emergency Telephone # CANUTEC 613-996-6666

I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Citric Acid	1-5	77-92-9	>5040 mg/kg oral rat	not available
Phosphoric Acid	30-60	7664-38-2	1530 mg/kg oral rat	not available
Non-Ionic Surfactant	0.5-1.5	68131-39-5	1800 mg/kg oral rat	not available

II - PHYSICAL DATA

Physical State: liquid **Viscosity:** water thin **Vapour Pressure:** not available **Oil/Water Factor:** not available
Appearance: clear colourless **pH:** 1.00 **Vapour Density:** heavier **Evaporation Rate:** slower
Odour: pungent **Specific Gravity:** 1.250 **Boiling Point (°C):** not available **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 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: bases, 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: 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 and 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.

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