Material Safety Data Sheet

Flexo Products Limited 4777 Kent Avenue, Niagara Falls, ON L2H 1J5
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Pine Quat

Use: Disinfectant Cleaner
Code: FH250J, P, D

Date of MSDS: December 1, 2015
WHMIS: Exempt – Registered Product
TDG: DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (contains quaternary ammonium compound) Class 8 UN1903 PGIII
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
Regulated under The Food & Drug Act and The Pest Control Product Act				
Sodium Metasilicate	1-5	6834-92-0	800 oral rat	not available
Alkyl Dimethyl Benzyl Ammonium Chloride	1-5	mixture	620 dermal rabbit	not available

II - PHYSICAL DATA

Physical State: liquid   **Viscosity:** 13 cps   **Vapour Pressure:** not available   **Oil/Water Factor:** not available
Appearance: clear green   **pH:** 12.5-13.5   **Vapour Density:** not available   **Evaporation Rate:** similar
Odour: pine   **Specific Gravity:** 1.072   **Boiling Point (^{o}C):** 96   **Odour Threshold:** not available
Freezing Point (^{o}C): not available

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: not flammable   **UFL:** not available
Flash Point and Test Method: not applicable   **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 & fire

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable   **Conditions of Reactivity:** not applicable
Incompatible Substances: strong oxidizers   **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:** none known
Acute Effects   **Chronic Effects**
Eye: contact may cause severe irritation burn   **Carcinogen:** none known
Skin: can cause severe irritation or chemical burns   **Teratogen:** none known
Inhalation: highly irritating to the respiratory system   **Mutagen:** none known
Ingestion: can cause vomiting, headache & medical problems   **Reproductive Toxin**: none known
Prolonged or Repeated Exposure - Skin: Can cause drying defatting and 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 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 recommended   **Skin:** impermeable gloves recommended
    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.