



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

Airx 44

Use: Disinfectant Cleaner
 – in RTU dilution

Date of MSDS: December 1, 2014

WHMIS: D2B

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 (Health Canada)				
Sodium Carbonate	< 1	497-19-8	4000 oral rat	800 mg/m ³ guinea pig
Non-Ionic Surfactant	< 1	68131-39-5	1800 oral rat	not available
Alkyl Dimethyl Benzyl Ammonium Chloride	< 1	68391-01-5	477 oral rat	not available
Tetrasodium Ethylene Diaminetetraacetate	< 1	64-02-8	3030 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid **Viscosity:** water thin **Vapour Pressure:** not available **Oil/Water Factor:** not available
Appearance: clear green **pH:** 10.5 – 11.5 **Vapour Density:** not available **Evaporation Rate:** similar
Odour: sweet **Specific Gravity:** 1.030 **Boiling Point (°C):** 96 **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: not applicable **Means of Extinction:** treat for surrounding material.

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: not available **Route(s) of Entry:** skin, eyes, ingestion, inhalation
Irritancy of Product: hazardous **Sensitization:** not known
Acute Effects **Chronic Effects**
Eye: contact can cause severe irritation **Carcinogen:** none known
Skin: can cause moderate to high irritation **Teratogen:** none known
Inhalation: 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 required when handling concentrate
Skin: impermeable gloves
Respiratory: not normally required if good ventilation is maintained
Note: Avoid creating mist. Use coarse sprayer or saturate clean cloth with ready-to-use product and then apply on to surface to be disinfected.
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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