



Material Safety Data Sheet

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Airx 44

Use: Disinfectant Cleaner
– in RTU dilution

Date of MSDS: December 1, 2017

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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