



# Material Safety Data Sheet

FAX44FF

**Flexo Products Limited** 4777 Kent Avenue, Niagara Falls, ON L2H 1J5  
Phone: (905) 354-2723 Fax: (905) 354-1301 Web Site: [www.flexoproducts.com](http://www.flexoproducts.com)

## I – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

### Airx 44

#### Use: Fragance-Free Disinfectant Cleaner Concentrate

Code: FAX44PFF

Date of MSDS: December 1, 2017

WHMIS: Not a WHMIS-controlled product

HMIS: Health 2  
Flammability 0  
Reactivity 0  
PPE B

**TDG CLASSIFICATION:** DISINFECTANT, LIQUID, CORROSIVE,  
N.O.S. (contains quaternary ammonium compound)  
Class 8 U N1903 PGIII

## Emergency Telephone # CANUTEC 613-996-6666

## 2 – HAZARD IDENTIFICATION

Irritancy of Product: CORROSIVE

Physical State: liquid

EMERGENCY: DANGER, CORROSIVE

Principle Routes of Exposure: Eye contact. Skin contact. Inhalation, Ingestion

### Acute Effects

**Eye Contact:** Causes irreversible damage.

**Skin Contact:** Causes skin burn.

**Inhalation:** May cause severe irritation to nose, throat and respiratory tract.

**Ingestion:** Harmful if swallowed.

See Toxicological information (section 11 and 3)

## 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Regulated under The Food & Drug Act (Health Canada)				
Sodium Carbonate	1-5	497-19-8	4000 oral rat	800 mg/m <sup>3</sup> guinea pig
Non-Ionic Surfactant	5-10	68131-39-5	1800 oral rat	not available
Alkyl Dimethyl Benzyl Ammonium Chloride	5-10	68391-01-5	477 oral rat	not available
Tetrasodium Ethylene Diaminetetraacetate	1-5	64-02-8	3030 oral rat	not available

## 4 – FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

**Skin Contact:** Immediately flush with plenty of water for 15-20 minutes. If irritation persists, get medical attention.

**Inhalation:** If breathing is affected, remove to fresh air. If symptoms persist, get medical attention.

**Ingestion:** If swallowed, give a cupful of water or milk. IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Note to Physician:** If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

## 5 – FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

**Specific Hazards:** none known

**Specific Methods:** No special methods required.

**Special Protective Equipment for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Conditions of Flammability:** not flammable

**UFL:** not available

**LFL:** not available

**Flash Point and Test Method:** considered a none flammable product

**Sensitivity to Static Discharge or Mechanical Impact:** not applicable

**Auto-Ignition Temperature:** not applicable

**Hazardous Combustion Products:** oxides of carbon

**Means of Extinction:** treat for surrounding material & fire

## 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use suitable protective equipment (Section 8). Keep out of reach of children.

**Environmental Precautions:** Keep container in a cool, well-ventilated area. Keep container tightly closed. Do not allow to enter drains or watercourses.

**Methods for Cleaning Up:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Do not allow product to enter drains or watercourses. Water runoff can cause environmental damage.



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## 7 – HANDLING & STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists.

**Storage Requirements:** Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed. Protect from freezing.

## 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Measures to Reduce Exposure:** Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained

### Personal Protective Equipment

**Eye Protection:** Chemical-splash goggles for handling concentrate.

**Hand Protection:** Chemical-resistant gloves for handling concentrate.

**Skin & Body Protection:** Wear suitable protective clothing. Use impervious gloves.

**Respiratory Protection:** In case of insufficient ventilation wear suitable respiratory equipment. Appropriate NIOSH/MSHA respiratory protection must be used.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

**Ventilation:** general ventilation normally adequate

## 9 - PHYSICAL & CHEMICAL PROPERTIES

**Physical State:** liquid

**Viscosity:** water thin

**Vapour Pressure:** not available

**Oil/Water Factor:** not available

**Appearance:** clear green

**pH:** 10.50-11.50

**Vapour Density:** not available

**Evaporation Rate:** similar

**Odour:** mild

**Specific Gravity:** 0.99-1.01

**Odour Threshold:** not available

**Freezing Point (°C):** < 0

**Boiling Point (°C):** 100

**Flash Point (°C):** > 93.9

## 10 – STABILITY & REACTIVITY

**Stability:** stable

**Polymerization:** hazardous polymerization does not occur

**Hazardous Decomposition Products:** may yield oxides of carbon & low molecular weight hydrocarbons

**Conditions of Reactivity:** avoid extreme hot and cold temperatures

**Incompatible Substances:** strong acids & alkalis, chlorinated products, other disinfectants

**Storage Requirements:** store in closed containers away from incompatible materials

## 11 – TOXICOLOGICAL INFORMATION

**Acute Toxicity:** not available

**Chronic Toxicity:** none known

**Component Information:** See Section 3

**Mutagenic Effects:** none known

**Carcinogenic Effects:** none known

**Target Organ Effects:** none known

**Reproductive Toxicity:** none known

**Sensitization:** none known

**Synergistic Materials:** none known

**Prolonged or Repeated Exposure - Skin:** may cause drying, defatting or dermatitis

## 12 – ECOLOGICAL INFORMATION

**Biodegradability:** It may be considered biodegradable inherently (no data available)

**Ecotoxicity:** not available

## 13 – DISPOSAL CONSIDERATION

**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 & local regulations prior to disposal. Consult your local or regional authorities.

## 14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**UN Classification:** 1903

DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (contains quaternary ammonium compound) Class 8 PGIII

See shipping documents for specific transportation information.

## 15 – REGULATORY INFORMATION

**WHMIS:** Non-controlled (DIN registered product with Health Canada)

**Canada Inventory:** All components are listed or exempted.

## 16 – OTHER INFORMATION

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