

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

## SECTION 1 - PRODUCT IDENTIFICATION

Distributor Airex Laboratories	Emergency Phone 800-255-3924
Address 1640 Delmar Drive Folcroft, PA 19032	
Trade Name AIRX 77	Product Type Disinfectant Cleaner

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
n-Alkyl dimethyl benzyl ammonium chlorides	68391-01-5*	0.105	Not Established
n-Alkyldimethyl ethylbenzyl ammonium chlorides	68956-79-6*	0.105	Not Established
2-butoxyethanol *	111-76-2	1-5	50 ppm(skin)TWA (OSHA);20 ppm(skin)(ACGIH)
Nonylphenolpolyoxyethanol	9016-45-9		Not Established

SARA HAZARD TITLE III, SECTION 313-CONTAINS THE STARRED INGREDIENT(S) AT THE INDICATED PERCENTAGES  
Other ingredients in this product are :  Less than 1% by weight or less than 0.1% for carcinogens  Not hazardous  Declared to be Trade Secret

## SECTION 3 - PHYSICAL DATA

Boiling point(°F.) Appx. 212	Specific Gravity(H <sub>2</sub> O=1.0) (± 0.005) 1.015	pH (± 0.5) 12.5
Vapor Pressure(mm Hg) Unknown	Vapor Density(Air=1) Unknown	
Solubility in water <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)		
Evaporation Rate(vs. H <sub>2</sub> O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		
Appearance and Odor Blue, slightly viscous liquid, pleasant odor		

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.) °F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits Upper Unknown Lower Unknown
Extinguishing Media CO <sub>2</sub> , dry chemical, foam, water spray.	
Special Firefighting Procedures Do not enter any confined fire-spaces without protective clothing and self-contained air supply. Cool fire exposed containers.	
Unusual Fire and Explosion Hazards None known.	

## SECTION 5 - REACTIVITY DATA

Stability Stable	Incompatibility Strong oxidizers
Hazardous Decomposition Products Carbon monoxide and unidentified organic gases may occur during incomplete combustion.	

## SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other	
Signs and Symptoms Prolonged or repeated contact of concentrated product with skin and/or eyes can cause chemical burns. If taken internally, concentrated product may cause damage to mouth, throat or stomach. Inhalation of mist or spray may cause irritation to nose, throat or lungs if adequate ventilation is not employed.	
of Overexposure (Acute)	
Signs and Symptoms of Overexposure(Chronic)None known	
Medical Conditions Aggravated by Overexposure None known	Carcinogen/Suspect Carcinogen Ingredients <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE

## SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes Flush immediately with water for at least 15 minutes. Call a physician.
Skin Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing/ shoes. Call a physician. Wash clothing before reuse.
Ingestion If swallowed do NOT induce vomiting. Give large quantities of water, followed by one oz. of vinegar in an equal amount of water. Call a physician.
Inhalation No known ill effects from inhalation. If breathing becomes difficult, remove exposed person to fresh air. Treat symptomatically and investigate other possibilities.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection Not needed under normal conditions of use.
Ventilation Requirements <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other
Protective Gloves Rubber Eye Protection Safety glasses/goggles Other Protective Clothing May be needed where likely exposure may occur

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Small spills: flush area with water. Neutralize spill with dilute acids. Large spills: Remove as much material as possible, then neutralize residue as under small spills.
Waste Disposal Methods Dispose of in accordance with applicable Federal, State and Local ordinances.

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage Do not get in eyes, on skin, on clothing. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.
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The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, if diluted, under conditions of ordinary use.

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DATE PREPARED January 19, 2008 \_\_\_\_\_