

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-Alkyl dimethyl 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)
Nonylphenolpolyethoxyethanol	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(H2O=1.0) (± 0.005) 1.015	pH (± 0.5) 12.5
Vapor Pressure(mm Hg) Unknown		Vapor Density(Air=1) Unknown
Solubility in water	☒ Complete	☐ Insoluble
	☐ Emulsifiable (or Dispersible)	☐ Slight (or Partial)
Evaporation Rate(vs. H2O)	☐ Faster	☐ Slower
		☒ 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. ☒ None to Boiling	Flammable Limits Upper Unknown Lower Unknown
Extinguishing Media CO ₂ , 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		☒ Eye	☒ Skin	☒ Oral	☒ Inhalation	☐ Other
Signs and Symptoms of Overexposure (Acute)	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.					
Signs and Symptoms of Overexposure(Chronic)	None known					
Medical Conditions Aggravated by Overexposure	None known		Carcinogen/Suspect Carcinogen Ingredients ☐ NTP ☐ OSHA ☐ IARC ☒ 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	☐ Local Exhaust ☒ Mechanical ☐ 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 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. in Handling and Storage

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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