

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION

Distributor	Airex Laboratories	Emergency Phone	(610) 534-8900
Address	1640 Delmar Drive, Folcroft, PA 19032		
Trade Name	AIRX 44	Product Type	Disinfectant Cleaner

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	68391-01-5*	2.25	Not Established
n-Alkyl (68% C12, 32% C14,) dimethyl ethylbenzyl ammonium chlorides	68956-79-6*	2.25	Not Established
Sodium Carbonate	497-19-8		Not Established

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.)	Near 212	Specific Gravity(H2O=1.0) (± 0.005)	1.032	pH (± 0.5)	11.5
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	Green 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	CO2, dry chemical, foam, water spray			
Special Firefighting Procedures	None known.			
Unusual Fire and Explosion Hazards	None known.			

SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong oxidizers anionic compounds
Hazardous Decomposition Products	Carbon monoxide and other 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)	Eyes: Redness, severe eye damage. Skin: Burns. Swallowing: probable mucosal damage, possible respiratory depression, possible convulsions.
Signs and Symptoms of Overexposure(Chronic)	None known.
Medical Conditions Aggravated by Overexposure	Not known.
Carcinogen or Suspect Carcinogen Ingredients	☐ NTP ☐ IARC ☐ OSHA ☒ NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush immediately with water for at least 15 minutes. Call a physician.
Skin	Flush immediately with water for at least 15 minutes. Remove and wash all contaminated clothing before re-use. Call a physician.
Ingestion	Drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.
Inhalation	N/A

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 if splashing or spray drift occurs.		

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken If Released or Spilled	Absorb with suitable absorbent. For large spills, absorb with suitable absorbent, then shovel into containers.
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 contaminate food or water by storage or disposal. Triple rinse(or equivalent) empty container before disposal. Do not get in eyes on skin or clothing.
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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 diluted product under conditions of ordinary use.

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DATE PREPARED March 14, 1997