

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 79 +	Product Type Aerosol Disinfectant Spray

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Ethanol	64-17-5		OSHA, PEL - 1000 ppm; ACGIH, TLV - 1000ppm
Methanol *	67-56-1	Max. 10	OSHA, PEL - 200 ppm; ACGIH (TLV) - 200 ppm
Ammonium Hydroxide *	1336-21-6	Max. 2	OSHA, PEL - 35 ppm; ACGIH, TLV - 25ppm
Propellant: Isobutane	75-28-5		OSHA (PEL) 800 ppm; ACGIH (TLV) 800 ppm
Propellant: Propane	74-98-6		OSHA (PEL) 1000 ppm; ACGIH (TLV) 1000 ppm

SARA HAZARD TITLE III, SECTION 313-CONTAINS THE STARRED INGREDIENT(S) AT THE INDICATED

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.)	NA	Specific Gravity(H ₂ O=1.0± 0.005)	Concentrate only - 0.840	pH (± 0.5)	N/A
Vapor Pressure(mm Hg)	PSIG@70°F.(aerosols) - Max. 60	Vapor Density(Air=1)		Not Evaluated	
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 ₂ O)	<input checked="" type="checkbox"/> Faster <input type="checkbox"/> Slower	<input type="checkbox"/> About the Same			

Appearance and Odor Clear colorless spray, light airy odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point NON-FLAMMABLE(USA FLAME PROJECTION TEST)	Flammable Limits Upper Not Evaluated Lower Not Evaluated
Extinguishing Media CO ₂ , dry chemical, foam, water.	
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 Do not expose aerosols to temperatures above 130°F. or the container may rupture.	

SECTION 5 - REACTIVITY DATA

Stability Stable	Incompatibility Oxidants, reducing agents, ammonium salts
Hazardous Decomposition Products CO, CO ₂	

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure	<input type="checkbox"/> Eye	<input type="checkbox"/> Skin	<input type="checkbox"/> Oral	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Other
Signs and Symptoms of Overexposure (Acute)	Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness. Eyes: mild irritation. Skin: possible mild irritation.. Ingestion: Possible chemical pneumonitis if aspirated into lungs, nausea.				
Signs & Symptoms of Overexposure(Chronic)	(Effects due to excessive exposure to the raw materials of this mixture)Overexposure may cause kidney damage, liver abnormalities, brain damage.				
Medical Conditions Aggravated by Overexposure	May aggravate existing eye, skin/upper respiratory condition		Carcinogen/Suspect Carcinogen Ingredients NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE		

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush with water for at least 15 minutes. If irritated seek medical attention.
Skin	Wash with soap and water. If irritated seek medical attention.
Ingestion	Drink large glasses of water. INDUCE VOMITING. Seek immediate medical attention.
Inhalation	Remove to fresh air. Resuscitate if necessary. Get medical attention.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode.		
Ventilation Requirements	<input type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical	<input checked="" type="checkbox"/> Other
Protective Gloves	Latex, if skin is easily irritated.	Eye Protection	Safety glasses/goggles Other Protective Clothing Not required for

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.
Waste Disposal Methods	Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage	Do not puncture or incinerate containers. Do not store at temperatures above 130°F. KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources. Do not use on polished wood furniture or rayon fabrics.
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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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