

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

KEY CODE 127

## SECTION 1 - PRODUCT IDENTIFICATION

Distributor Airex Laboratories	Emergency Phone (610) 534-8900
Address 1640 Delmar Drive Folcroft, PA 19032	
Trade Name AIRX 71	Product Type Foaming Acid Cleaner

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optiona)	TLV(Source)
Phosphoric Acid	7664-38-2		1 mg/m3 TWA(OSHA) 1 mg/m3(ACGIH)
2-Butoxyethanol *	111-76-2	Less than 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.) near 212	Specific Gravity(H2O=1.0) (± 0.005) 1.085	pH (± 0.5) 2.0
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. H2O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same	

Appearance and Odor Liquid, characteristic 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 CO2, dry chemical, foam, water spray.	
Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.	
Unusual Fire and Explosion Hazards None known.	

## SECTION 5 - REACTIVITY DATA

Stability Stable	Incompatibility Strong oxidizers
Hazardous Decomposition Products Carbon monoxide and other 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 of Overexposure (Acute) Prolonged/repeated contact of concentrate with skin/eyes can cause chemical burns. Swallowing-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. Contains materials which penetrate skin readily. Ingestion, prolonged or widespread contact of product of concentrate may result in potentially harmful absorption. Nausea/dizziness may result from breathing vapors of concentrate in enclosed/confined spaces, where inadequate ventilation may occur.
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 the whites of two or three eggs. Call a physician.
Inhalation	Remove exposed person to fresh air. Treat symptomatically. Call a physician.

## 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	Neutralize the spill with soda ash, then flood area with much water. Large spills should be contained and collected for disposal.
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.