

## **9924-52 AIR TECHNIQUES FIXER**

### **MSDS Number**

BBDZX

### **National Stock Number**

6850-00D001207

### **Product Name**

9924-52 AIR TECHNIQUES FIXER

### **Manufacturer**

AIR TECHNIQUES INC

### **Product Identification**

Product ID:9924-52 AIR TECHNIQUES FIXER

MSDS Date:02/20/1987

FSC:6850

NIIN:00D001207

MSDS Number: BBDZX

### **Responsible Party**

AIR TECHNIQUES INC.

70 CANTIAQUE ROCK ROAD

HICKSVILLE , NY 11801

US

Emergency Phone: 516-433-7676

Info Phone: 516-433-7676

Cage: 53542

### **Contractor**

AIR TECHNIQUES INC.

HICKSVILLE, NY 11801

US

516-433-7676

Cage: 53542

### **Ingredients**

BORIC ACID

CAS: 10043-35-3

RTECS: ED4550000

OSHA PEL10 MG BORATES/M3

ACGIH TLV: 5 MG BORATES/M3

ALUMINUM SULFATE (SARA III)

CAS: 10043-01-3

RTECS: BD1700000

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

AMMONIUM THIOSULFATE

CAS: 7783-18-8

RTECS: XN6465000

ACETIC ACID (SARA III)

CAS: 64-19-7

RTECS: AF1225000

OSHA PEL10 PPM

ACGIH TLV: 10 PPM/15 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SODIUM SULFITE

CAS: 7757-83-7

RTECS: WE2150000

## Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT MAY CAUSE EYE, SKIN &  
RESPIRATORY OR G/I TRACT IRRITATION. IT IS CONSIDERED A LOW HAZARD  
FOR NORMAL INDUSTRIAL HANDLING.  
Explanation of Carcinogenicity:THIS PRODUCT CONTAINS NO INGREDIENT  
LISTED AS CARCINOGEN BY IARC,NTP, OR OSHA.  
Effects of Overexposure:EYE:CAUSES IRRITATION SKIN:CAUSES IRRITATION.  
INHALED:MAY CAUSE IRRITATION IF DUST OR MIST IS INHALED.  
INGESTED:MAY BE HARMFUL IF SWALLOWED. HMIS:MAY CAUSE G/I  
IRRITATION,NAUSEA,VOMITING.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH  
SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE  
REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF  
NECESSARY. INGESTED:D O NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES  
OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY  
MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A  
DOCTOR.

## Fire Fighting

Flash Point:NON-FLAMMABLE  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:NONE GIVEN BY MANUFACTURER.

## Accidental Release

Spill Release Procedures:RECOVER AS LIQUID OR ADSORB WITH CLOTH,PAPER,OTHER INERT MATERIAL.  
Neutralizing Agent:NONE

## Handling

Handling and Storage Precautions:STORE IN A WELL VENTILATED AREA PROTECT FROM TEMPERATURE EXTREMES. KEEP TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM ACIDS AND ALKALIS.  
Other Precautions:READ LABEL THEN FOLLOW INSTRUCTIONS. DO NOT STORE NEAR FOOD, DRINK, TOBACCO PRODUCTS.

## Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR INORGANIC DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.  
Ventilation:NORMAL ROOM VENTILATION SUPPLEMENTED WITH LOCAL EXHAUST ESPECIALLY WHEN MIXING.  
Protective Gloves:RUBBER,VINYL,OTHER IMPERVIOUS  
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES  
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. USE APRON AND FACE SHIELD WHEN MIXING LIQUIDS OR IF SPLASHING IS LIKELY.  
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING,.  
Supplemental Safety and Health  
MSDS DATED 2-20-87. "OTHER INGRED"ALSO INCLUDES 80% WATER. PH OF MATL IS 4.6.

## Chemical Properties

HCC:N1  
Boiling Pt:B.P. Text:>212F,>100C  
Spec Gravity:1.10  
pH:4.7  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR, COLORLESS LIQUID,VINEGAR ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS AND ALKALIS  
Stability Condition to Avoid:NONE GIVEN BY MANUFACTURER.  
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, SULFUR OXIDES, AMMONIA

## Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS. MFR SUGGESTS FLUSH TO SEWER IF PERMITTED.

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