

AIR TECHNIQUES INC. -- PERI-PRO FIXER -- 6525-01-204-2656

=====  
Product Identification  
=====

Product ID:PERI-PRO FIXER

MSDS Date:02/28/1991

FSC:6525

NIIN:01-204-2656

MSDS Number: BVFMX

=== Responsible Party ===

Company Name:AIR TECHNIQUES INC.

Address:70 CANTIAQUE ROCK ROAD

City:HICKSVILLE

State:NY

ZIP:11801

Country:US

Info Phone Num:516-433-7676

Emergency Phone Num:516-433-7676, CHEMTREC 800-424-9300

CAGE:53542

=== Contractor Identification ===

Company Name:AIR TECHNIQUES INC.

Address:70 CANTIAQUE ROCK ROAD

Box:City:HICKSVILLE

State:NY

ZIP:11801

Country:US

Phone:516-433-7676

CAGE:53542

Company Name:HENRY SCHEIN INC

Address:5 HARBOR PARK DR

Box:City:PORT WASHINGTON

State:NY

ZIP:11050

Phone:(516) 621-4300

CAGE:64682

=====  
Composition/Information on Ingredients  
=====

Ingred Name:AMMONIUM THIOSULFATE

CAS:10103-43-2

Fraction by Wt: 3-7%

Other REC Limits:NONE ESTABLISHED

Ingred Name:SODIUM SULFITE  
CAS:7757-83-7  
RTECS #:WE2150000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE ESTABLISHED

Ingred Name:ACETIC ACID (SARA III)  
CAS:64-19-7  
RTECS #:AF1225000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED BY M.  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 60-95%

===== Hazards Identification =====

Routes of Entry: Inhalation

:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE/SKIN:IRRITATION, BURNS.

INHALATION:MAY CAUSE IRRITATION TO NOSE, THROAT AND RESPIRATORY TRACT. INGESTION: MAY CAUSE IRRITATION AND BURNING TO DIGESTIVE TRACT. CHRONIC-NONE LISTED. TARGET ORGANS-CN S SYSTEM, LUNGS, CIRCULATORY SYSTEM.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects

of Overexposure:EYES/SKIN:IRRITATION, BURNS, TEARING, RED EYES.

INGESTION:BURNS, NAUSEA, VOMITING, SHOCK, COLLAPSE.

INHALATION:IRRITATION, COUGHING, CHEST PAIN, AND BREATHING DIFFICULTY.

Medical Cond Aggravated by Exposure:ASTHMA, ALLERGIES.

===== First Aid Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELI

DS OPEN. GET MEDICAL ATTENTION. SKIN:  
REMOV E CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF  
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:ADMINISTER 2-4  
GLASSES OF MILK OR WATER.CONTACT A PHYSICIAN OR POISON CENTER.

===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:USE PROPER MEDIA FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR NIOSH APPROVED SELF-CONTAINED BREATHING  
APPARATUS WHEN ENTERING BUILDING.  
Unusual  
Fire/Explosion Hazard:NONE STATED

===== Accidental Release Measures =====

Spill Release Procedures:DIKE SPILL & SOAK UP WITH SAND OR A  
COMMERCIALY AVAILABLE ACID SPILL KIT. SWEEP UP ABSORBENT AND PLACE  
IN A HAZARDOUS WASTE CONTAINER.  
Neutralizing Agent:NOT APPLICABLE.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED  
AREA. KEEP CONTAINERS TIGHTLY CLOSED.  
Other Pr  
ecautions:DO NOT STORE FOOD, DRINK OR TOBACCO IN AREA WHERE  
THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE RESPIRATOR FOR ACID VAPOR/MISTS IN A POORLY  
VENTILATED AREA, OR IF TLV IS EXCEEDED.  
Ventilation:LOCAL EXHAUST.  
Protective Gloves:LATEX OR NEOPRENE.  
Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD  
Other Protective Equipment:DO NOT STORE FOOD,DRINK OR TOBACCO IN AREA  
WHERE TH  
EY MAY BECOME CONTAMINATED WITH THIS MATERIAL.  
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.  
Supplemental Safety and Health  
KEY1:J6. THIS IS A TWO PART KIT, DEVELOPER AND A FIXER. FOR DEVELOPER,  
SEE PNI C, SAME NSN.

===== Physical/Chemical Properties =====

HCC:T4  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:>212F/100C  
Spec Gravity:1.1  
pH:4.6  
Solubility in

Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID, SLIGHT VINEGAR ODOR.

Percent Volatiles by Volume:>60

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS AND ALKALIES.

Stability Condition to Avoid:NONE STATED

Hazardous Decomposition Products:AMMONIA AND SULFUR DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL

A

APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.