

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

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Product Identification  
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Product ID:PERI-PRO FIXER

MSDS Date:01/29/1992

FSC:6525

NIIN:01-204-2656

Status Code:A

Kit Part:Y

MSDS Number: CKLQG

=== 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:519-4

33-7676

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

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Composition/Information on Ingredients  
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Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Minumum % Wt:60.

Maxumum % Wt:100.

Ingred Name:AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:SODIUM SULFITE

CAS:7757-83-7

RTECS #

:WE2150000

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:ACETIC ACID

CAS:64-19-7

RTECS #:AF1225000

Minumum % Wt:1.

Maxumum % Wt:5.

OSHA PEL:25 MG/M3;10 PPM

ACGIH TLV:25 MG/M3;10 PPM

ACGIH STEL:37 MG/M3;15 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE: EYE: IRRITATION OR BURNING MAY OCCUR. HIGH CONCENTRATIONS OF ACETIC ACID VAPORS CAN CAUSE EXCESS

BLINKING, TEARING, & EYE DISCOMFORT. SKIN: IRRITATION & BURNING POSSIBLE. INGESTION: ACETIC ACID CAN CAUSE BURNING TO MOUTH, THROAT & ESOPHAGUS. NAUSEA, VOMITING, ABDOMINAL PAIN. SHOCK STATE COLLAPSE POSSIBLE. SODIUM SUFFITE MAY CAUSE CIRCULATORY DISTURBANCES & CENTRAL NERVOUS SYSTEM DAMAGE. INHALATION: IF HEATED AMMONIA VAPORS IRRITATE THE THROAT. CHRONIC: NONE.

Explanation of Carcinogenicity:NONE

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

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINS. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING & WASH SKIN THOROUGHLY WITH SOAP & WATER. WASH CLOTHES BEFORE RE-USE. INHALATION: REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING. IF NOT CONSCIOUS, GIVE ARTIFICIAL RESPIRATION. OBTAIN PROMPT MEDICAL ATTENTION.

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

Extinguishing Media:ANY APPLICABLE TO THE PRIMARY CAUSE OF FIRE.  
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS. EXCESSIVE HEAT MAY CAUSE THE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:NEUTRALIZE WITH SODIUM BICARBONATE, DIKE THE SPILL AND SOAK UP WITH ABSORBENT MATERIAL. PUT INTO PLASTIC

CONTAINER FOR LEGAL DISPOSAL.  
Neutralizing Agent:SODIUM BICARBONATE.

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

Handling and Storage Precautions:STORE & HANDLE IN A TIGHTLY CAPPED CONTAINER. WEAR PROTECTIVE GLOVES, CLOTHING, & GOGGLES. KEEP WORK SPACE UNCLUTTERED. AVOID CONTACT WITH EYES & SKIN. STORAGE: DO NOT STORE NEAR FOOD, DRINK, OR TOBACCO PRODUCTS. STORE IN A WELL VENTILATED AREA. STORE BETWEEN 10 TO 25 DEG C. DO NOT ALLOW TO FREEZE.

Other Precautions:SHIP ABOVE 4.4 DEG C. PROTECT FROM PUNCTURING BY HANDLING OR OTHER EQUIPMENT.

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

Respiratory Protection:USE NIOSH APPROVED CARTRIDGE RESPIRATOR IN POORLY VENTILATED AREAS.  
Ventilation:RECOMMENDED VENTILATION - 10 ROOM VOLUMES PER HOUR.  
Protective Gloves:NITRILE RUBBER OR PLASTIC.  
Eye Protection:CHEMICAL SPLASH GOGGLES.  
Other Protective Equipment:EYE WASH STATION.  
Supplemental Safety and Health  
ITEM IS A DEVELOPER AND FIXER SET FOR X-RAY FILM PROCESSING; CONTAINS 3 QUARTS OF DEVELOPER AND 3 QUARTS OF FIXER USED IN DENTAL AUTOMATIC PROCESSING.

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

HCC:T4  
Boiling Pt:>100.C, 212.F  
Melt/Freeze Pt:=0.C, 32.F  
Spec Gravity:1.1  
pH:4.5 TO 5.0  
Solubility in Water:COMPLETE  
Appearance and Odor:VINEGAR ODOR, CLEAR COLORLESS LIQUID

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIS OR ACIDS. WILL NEUTRALIZE STRONG ALKALIS AND RELEASE SOME HEAT.

Hazardous Decomposition Products:SULFUR DIOXIDE (ACIDS) AND AMMONIA (ALKALIS).

===== Toxicological Information =====

Toxicological Information:AMMONIUM THIOSULFATE: ORAL/RAT 2890 MG/KG. SODIUM SULFITE: IVN/RAT 115 MG/KG. ACETIC ACID: ORAL/RAT 3310 MG/KG. LC50 5620 PPM 1 HR. MOUSE.

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

Waste Disposal Method

s:DISPOSAL MUST CONFIRM TO FEDERAL AND LOCAL REGULATIONS. CONSULT LOCAL SEWER AUTHORITY.

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