

AIR TECHNIQUES INC -- FORMULA 2000 COMPONENT 1 -- 6850-01-256-5029

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Product Identification  
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Product ID:FORMULA 2000 COMPONENT 1

MSDS Date:07/31/1992

FSC:6850

NIIN:01-256-5029

MSDS Number: BWPVC

=== Responsible Party ===

Company Name:AIR TECHNIQUES INC

Address:70 CANTIAGUE ROCK RD

City:HICKSVILLE

State:NY

ZIP:11801

Country:US

Info Phone Num:516-433-7676

Emergency Phone Num:516-433-7676

C

AGE: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:NITRIC ACID (SARA 302/313) (CERCLA)

CAS:7697-37-2

RTECS #:QU5775000

Fraction by Wt: 5-10%

OSHA PEL:2 PPM

ACGIH TLV:2 PPM; 4 STEL

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:UREA, 2-THIO-; (THIOUREA) (SARA 313) (CERCLA)

LD50:  
(ORAL, RAT) 1750  
CAS:62-56-6  
RTECS #:YU2800000  
Fraction by Wt: 1-5%  
OSHA PEL:N/K  
ACGIH TLV:N/K  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:SEE INGREDIENTS  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION: MAY CAUSE  
IRRITATION TO NASAL MUCOUS MEMBRANES AND RESPIRATORY TRACT. SKIN:  
IRRITATION TO SKIN. EYES: CORROSIVE ON EYES. INGESTION: HARMFUL AND  
CORROSIVE IF SWALLOWED. CHRONIC: NOT APPLICABLE.  
Explanation of Carcinogenicity:THIOUREA:IARC MONOGRAPHS, SUPPLEMENT,  
VOL 7, PG 56, 1987: GROUP 2B. NTP 7TH ANNUAL REPORT ON CARCINOGENS,  
1994: (SUPDAT)  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: IN THE EVENT  
OF TROUBLE BREATHING, LET PERSON  
CONCERNED LEAVE THE ROOM AND BREATHE FRESH AIR. SKIN: WASH WITH  
PLENTY OF WATER. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT  
LEAST 15 MINUT ES AND CONSULT MD. INGESTION: WHEN PRODUCT IS  
SWALLOWED, DRINK 500 ML OF WATER IMMEDIATELY AND CONSULT MD.

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

Flash Point:>212F,>100C  
Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE . NO FIRE OR  
EXPLOSION HAZARDS COME FROM THE

PRODUCT ITSELF.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:EXTENSIVE HEAT MAY CAUSE HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:PREVENT PRODUCT FROM ENTERING WATER SUPPLIES AND SEWERAGE. DILUTE SPILLED OR RELEASED LIQUID WITH PLENTY OF WATER AND SOAK UP WITH SUITABLE ABSORBENT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PRODUCT TO BE COLD-STORED, HOWEVER, NOT BELOW 5C.

Other Precautions:DO NOT BREATHE IN THE VAPORS. USE ONLY IN ADEQUATELY VENTILATED ROOMS. PLEASE OBSERVE INSTRUCTIONS FOR USE BEFORE APPLICATION.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED CARTRIDGE RESPIRATOR IN POORLY VENTILATED ROOMS.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:NITRILE, RUBBER OR PLASTIC.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGG (SUPDAT)

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . PROT CLTHG TO AVOID SKIN CONTACT. LACE-UP SHOES.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPLAN OF CARCIN: KNOWN TO BE CARCINOGEN. ANIMAL:EYE, LIVER, SKIN, THYROID TUMORS. EYE PROT: & FULL LENGTH FACESHIELD .

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

HCC:C1

Boiling Pt:B.P. Text:212F,100C

Vapor Pres:LIKE WATER

Spec Gravity:1.05

pH: