

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

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

CAGE:53542

=== Contractor Identification ===

Company Name:AIR TECH

NIQUES INC.

Address:70 CANTIAQUE ROCK ROAD

Box:City:HICKSVILLE

State:NY

ZIP:11801

Country:US

Phone:516-433-7676

CAGE:53542

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

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

Fract

ion by Wt: 1-5%
OSHA PEL:N/K
ACGIH TLV:N/K
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

===== 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.

===== 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 MINUTES AND CONSULT MD. INGESTION: WHEN PRODUCT IS
SWALLOWED, DRINK 500 ML OF WATER IMMEDIATELY AND CONSULT MD.

===== 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 =====

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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 GOGGLES (SUPTAG)
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER MEETING
ANSI DESIGN CRITERIA . PROTECT CLOTHING 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 PROTECT: & FULL LENGTH FACESHIELD .

===== Physical/Chemical Properties =====
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HCC:C1
Boiling Pt:B.P. Text:212F,100C
Vapor Pres:LIKE WATER
Spec Gravity:1.05
pH: