

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

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======= 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

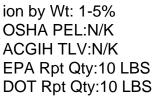
Ingred Name: UREA, 2-THIO-; (THIOUREA) (SARA 313) (CERCLA) LD50:

(ORAL, RAT) 1750

CAS:62-56-6

RTECS #:YU2800000

Fract



============== 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:INHALATION: IN THE EVENT OF TROUBLE BREATHING, LET PERSON CONCERNED LEAVE THE ROOM AN D 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. ============ 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, R

UBBER OR PLASTIC.

Eye Protection: ANSI APPRVD 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.

HCC:C1

Boiling Pt:B.P. Text:212F,100C Vapor Pres:LIKE WATER Spec Gravity:1.05 pH: