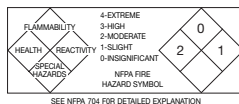


MATERIAL SAFETY DATA SHEET



SECTION 1 - PRODUCT IDENTIFICATION AND USE			
MATERIAL IDENTIFIER	FORMULA 2000 - Component 1 -	PRIMARY EMERGENCY CONTACT	CHEMTREC TELEPHONE NO. (800) 424-9300
IMPORTER'S NAME	Air Techniques, Inc.	DISTRIBUTOR'S NAME	Air Techniques, Inc.
STREET ADDRESS	70 Cantiague Rock Road	STREET ADDRESS	70 Cantiague Rock Road
CITY	Hicksville STATE NY	CITY	Hicksville STATE NY
POSTAL CODE	11801 TELEPHONE NO. (516) 433-7676	POSTAL CODE	11801 TELEPHONE NO. (516) 433-7676

SECTION 2 - HAZARDOUS INGREDIENTS						
HAZARDOUS INGREDIENTS	%	UN, NA, OR CAS NUMBER	OSHA PKL	ACGH TLV	LD ₅₀ OF MATERIAL (SPECIFY SPECINA/ROUTE)	LC ₅₀ OF MATERIAL (SPECIFY SPECINA)
Nitric acid	5-10	7697-37-2	2 ppm	2 ppm	Oral 430 mg/kg (human)	67 ppm (NO ₂)/4 h
Thiourea	1-5	62-56-6	1 mg/kg	N/A	Oral 1750 mg/kg (rat)	> 170 mg/m ³ /4 h (rat)

SECTION 3 - PHYSICAL DATA		PHYSICAL STATE GAS [] LIQUID [x] SOLID []			
ODOR AND APPEARANCE		Clear colorless liquid of slight odor		ODOR THRESHOLD (PPM)	N/A
				SPECIFIC GRAVITY	1.05 g/cm ³
VAPOR PRESSURE	like water	VAPOR DENSITY	N/A	EVAPORATION RATE	like water
				BOILING POINT (°C)	=100
				FREEZING POINT (°C)	= -5°C
VOLATILE (By Volume)	N/A	SOLUBILITY/WATER	Completely miscible	pH	< 1
				SPECIFIC GRAVITY	1.05 g/cm ³
				COEFF. WATER/OIL DIST	N/A

SECTION 4 - FIRE AND EXPLOSION DATA		FLAMMABILITY YES [] NO [x] IF YES, UNDER WHICH CONDITIONS			
MEANS OF EXTINGUISHMENT		No fire or explosion hazards come from the product itself			
		SPECIAL PROCEDURES			
		Fire-fighters should wear self-contained breathing apparatus. Extensive heat may cause hazardous decomposition products			
FLASHPOINT (°C) AND METHOD		None >100°C		UPPER EXPLOSION LIMIT (% BY VOLUME) -	LOWER EXPLOSION LIMIT (% BY VOLUME) -
AUTOIGNITION TEMPERATURE (°C)		N/A		TDG FLAMMABILITY CLASSIFICATION -	HAZARDOUS COMBUSTION PRODUCTS
				Nitrous fumes, sulphur dioxide	
EXPLOSION SENSITIVITY TO IMPACT DATA		N/A		RATE OF BURNING -	EXPLOSIVE POWER -
				SENSITIVITY TO STATIC DISCHARGE -	

SECTION 5 - REACTIVITY DATA		CHEMICAL STABILITY YES [x] NO [] IF NO, UNDER WHICH CONDITIONS			
INCOMPATIBILITY WITH OTHER SUBSTANCES		YES [x] NO [] IF YES, WHICH ONES			
		Alkaline products			
REACTIVITY, AND UNDER WHAT CONDITIONS		Slightly oxidative			
HAZARDOUS DECOMPOSITION PRODUCTS		Nitrous fumes			

FORMULA 2000 - Component 1 -

SECTION 6 - TOXICOLOGICAL PROPERTIES				
ROUTE OF ENTRY	SKIN CONTACT [x]	SKIN ABSORPTION []	EYE CONTACT [x]	INHALATION ACUTE []
				INHALATION CHRONIC []
				INGESTION [x]
EFFECTS OF ACUTE EXPOSURE TO MATERIAL				
Inhalation:	May cause irritation to nasal mucous membranes and respiratory tract.			
Skin contact:	Irritation to skin.			
Eye contact:	Corrosive on eyes.			
Ingestion:	Harmful and corrosive if swallowed.			

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL				
May cause liver damage.				
SENSITIZATION PROPERTY	CARCINOGENICITY	REPRODUCTIVE EFFECTS	SYNERGISTIC MATERIALS	IRRITANCY
Skin contact, inhalation	May cause cancer	N/A	N/A	Skin, eye and ingestion possible

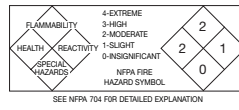
SECTION 7 - PREVENTIVE MEASURES				
GLOVES	Nitrile, rubber or plastic	RESPIRATOR	Use NIOSH approved cartridge respirator in poorly ventilated rooms	EYE
				Safety goggles
FOOTWEAR	Lace-up shoes	CLOTHING	Protective clothing to avoid skin contact	OTHER
				-

ENGINEERING CONTROLS		-		
LEAK AND SPILL PROCEDURE	Prevent product from entering water supplies and sewerage. Dilute spilled or released liquid with plenty of water and soak up with suitable absorbent material. and dispose of in accordance with local environmental codes.			
WASTE DISPOSAL	No specific methods are necessary. Disposal must conform to Federal and local regulations. Request permission of local sewer authority.			
HANDLING PROCEDURES AND EQUIPMENT	Do not breathe in the vapors. Use only in adequately ventilated rooms. Please observe instructions for use before application.			
STORAGE REQUIREMENTS	Product to be cold-stored, however, not below 5° C.			
SPECIAL SHIPPING INFORMATION	UN 1760 CORROSIVE LIQUID N.O.S. (< 10% nitric acid) IMDG Code Class 8, EmS-No. 8-15, ADR / RID Class 8, II			

SECTION 8 - FIRST AID MEASURES				
Inhalation:	In the event of trouble in breathing, let person concerned leave the room and breathe in fresh air.			
Skin contact:	Wash with plenty of water, get medical attention.			
Eye contact:	Flush with large amounts of water and consult a physician.			
Ingestion:	When product is swallowed, drink 500 ml of water immediately and consult a physician.			

SECTION 9 - PREPARATION DATE OF MSDS		Preparation of Form Controlled by		Phone No.	516 433-7676	DATE	2004-11-10
		FILM PROCESSOR DEPARTMENT					

MATERIAL SAFETY DATA SHEET



SECTION 1 - PRODUCT IDENTIFICATION AND USE	
MATERIAL IDENTIFIER FORMULA 2000 - Component 2 -	PRIMARY EMERGENCY CONTACT CHEMTREC TELEPHONE NO. (800) 424-9300
IMPORTER'S NAME Air Techniques, Inc.	DISTRIBUTOR'S NAME Air Techniques, Inc.
STREET ADDRESS 70 Cantigue Rock Road	STREET ADDRESS 70 Cantigue Rock Road
CITY Hicksville STATE NY	CITY Hicksville STATE NY
POSTAL CODE 11801 TELEPHONE NO. (516) 433-7676	POSTAL CODE 11801 TELEPHONE NO. (516) 433-7676

SECTION 2 - HAZARDOUS INGREDIENTS						
HAZARDOUS INGREDIENTS	%	UN, NA, OR CAS NUMBER	OSHA PKL	ACGH TLV	LD ₅₀ OF MATERIAL (SPECIFY, SPECINA/ROUTE)	LC ₅₀ OF MATERIAL (SPECIFY SPECINA)
Sodiumperoxodisulphate	50	7775-27-1	N/A	N/A	Oral 1000 mg/kg (rat)	N/A

SECTION 3 - PHYSICAL DATA		PHYSICAL STATE	GAS []	LIQUID []	SOLID [x]
ODOR AND APPEARANCE White, odorless powder	ODOR THRESHOLD (PPM)	SPECIFIC GRAVITY			
VAPOR PRESSURE -	VAPOR DENSITY -	EVAPORATION RATE -	BOILING POINT (°C)		FREEZING POINT (°C)
VOLATILE (By Volume) N/A	SOLUBILITY/WATER completely miscible	pH N/A	SPECIFIC GRAVITY		COEFF. WATER/OIL DIST

SECTION 4 - FIRE AND EXPLOSION DATA	FLAMMABILITY YES [x] NO [] IF YES, UNDER WHICH CONDITIONS Fire hazard when contacted with inflammable materials. Strong oxidizer.
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MEANS OF EXTINCTION Use any means suitable for extinguishing surrounding fire Do not use water.	SPECIAL PROCEDURES Keep away from combustible materials.		
FLASHPOINT (°C) AND METHOD - (not applicable)	UPPER EXPLOSION LIMIT (% BY VOLUME) -	LOWER EXPLOSION LIMIT (% BY VOLUME) -	
AUTOIGNITION TEMPERATURE (°C) - (not applicable)	TDG FLAMMABILITY CLASSIFICATION -	HAZARDOUS COMBUSTION PRODUCTS Sulphur dioxide, Sulphur trioxide Ozone	
EXPLOSION SENSITIVITY TO IMPACT DATA -	RATE OF BURNING -	EXPLOSIVE POWER -	SENSITIVITY TO STATIC DISCHARGE -

SECTION 5 - REACTIVITY DATA	CHEMICAL STABILITY YES [] NO [x] IF NO, UNDER WHICH CONDITIONS Concentrated aqueous solutions of sodiumpersulphate decompose at 60° C under development of oxygen
INCOMPATIBILITY WITH OTHER SUBSTANCES YES [x] NO [] IF YES, WHICH ONES	Keep away from combustible materials, leaches, alkalies
REACTIVITY, AND UNDER WHAT CONDITIONS	Decomposition takes place under the action of heat (> 180 °C)
HAZARDOUS DECOMPOSITION PRODUCTS	Slight development of sulphur trioxide and ozone under the action of heat

FORMULA 2000 - Component 2 -

SECTION 6 - TOXICOLOGICAL PROPERTIES	
ROUTE OF ENTRY	SKIN CONTACT [x] SKIN ABSORPTION [] EYE CONTACT [x] INHALATION ACUTE [] INHALATION CHRONIC [] INGESTION [x]

EFFECTS OF ACUTE EXPOSURE TO MATERIAL

Inhalation: **May cause sensitization by inhalation. Causes irritation to the respiratory tract.**

Skin contact: **May cause sensitization with skin contact. Causes severe irritation or burns.**

Eye contact: **Can causes severe irritation or burns with eye damage.**

Ingestion: **May be harmful if swallowed. Cause severe irritation and possible burns to the mouth and throat.**

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL -				
SENSITIZATION PROPERTY Sensitization is possible with skin contact or by inhalation	CARCINOGENICITY N/A	REPRODUCTIVE EFFECTS N/A	SYNERGISTIC MATERIALS N/A	IRRITANCY Slight eye irritation is possible

SECTION 7 - PREVENTIVE MEASURES		
GLOVES Nitrile, rubber or plastic	RESPIRATOR	EYE Safety goggles
FOOTWEAR -	CLOTHING Protective clothing to avoid skin contact	OTHER -

ENGINEERING CONTROLS -

LEAK AND SPILL PROCEDURE **Prevent product from entering water supplies and sewerage. Dilute spilled or released product with plenty of water. and dispose of in accordance with local environmental codes.**

WASTE DISPOSAL **No special methods are necessary. Disposal must conform to Federal and local regulations. Request permission of local sewer authority.**

HANDLING PROCEDURES AND EQUIPMENT **Do not breathe dust. Use only in adequately ventilated rooms. Avoid contact with eyes and skin or ingestion. Please observe instructions for use before application.**

STORAGE REQUIREMENTS **Store product to a cool and dry place; protect from heat and humidity.**

SPECIAL SHIPPING INFORMATION

SECTION 8 - FIRST AID MEASURES	
Inhalation:	In the event of trouble in breathing, let person concerned leave the room and breathe in fresh air.
Skin contact:	Wash with plenty of water for at least 15 minutes.
Eye contact:	Flush with large amounts of water and consult a physician.
Ingestion:	When product is swallowed, drink 500 ml of water immediately and consult a physician. DO NOT INDUCE VOMITING.

SECTION 9 - PREPARATION DATE OF MSDS	Preparation of Form Controlled by FILM PROCESSOR DEPARTMENT Phone No. 516 433-7676 DATE 2004-11-10
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