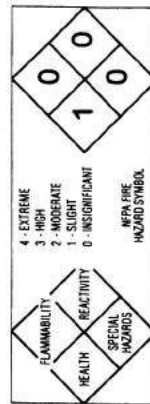


MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE		SECTION 6 - TOXICOLOGICAL PROPERTIES		Air Techniques Developer Code 2	
MATERIAL IDENTIFIER Air Techniques Developer Code 2		ROUTE OF ENTRY SKIN CONTACT [X] SKIN ABSORPTION [X] EYE CONTACT [X] INHALATION ACUTE [X] INHALATION CHRONIC [X] INGESTION [X]			
Distributed By: AIR TECHNIQUES, INC		EFFECTS OF ACUTE EXPOSURE TO MATERIAL			
1295 WALT WHITMAN RD		EYE - May cause eye irritation. Hydroquinone in high concentrations may cause discoloration and opacity of the cornea.			
MELVILLE, NY 11747 (516)433-7676		SKIN - May cause allergic skin reaction.			
CHEMTREC (800) 424-9300		INGESTION - Corrosion of tissue may occur with nausea, vomiting, and abdominal pain possible. Large doses of sulfite may cause circulatory disturbances and central nervous system depression and possible allergic reactions in some asthmatics.			
SECTION 2 - HAZARDOUS INGREDIENTS		EFFECTS OF CHRONIC EXPOSURE TO MATERIAL None			
HAZARDOUS INGREDIENTS		X		UN, NA, OR CAS NUMBER	
Water		60-100		7732-18-5	
Sodium Sulfite		1-5		7757-83-7	
Potassium Hydroxide		1-5		1310-58-3	
Sodium Tetraborate		1-5		1303-96-4	
Hydroquinone		1-5		123-31-9	
N/A - Not Available					
SECTION 3 - PHYSICAL DATA		PHYSICAL STATE		GAS [] LIQUID [X] SOLID []	
ODOR AND APPEARANCE		Slight odor, light yellow color		ODOR THRESHOLD (PPM) N/A	
VAPOR PRESSURE		N/A		VAPOR DENSITY N/A	
% VOLATILE (By Volume)		60-90		SOLUBILITY IN WATER Complete	
SECTION 4 - FIRE AND EXPLOSION DATA		FLAMMABILITY		YES [] NO [X] IF YES, UNDER WHICH CONDITION	
MEANS OF EXTINGUISHMENT		Any applicable to the primary cause of fire.		SPECIAL PROCEDURES Firefighters should wear self-contained breathing apparatus. Excessive heat may cause the production of hazardous decomposition products.	
FLASH POINT (°C) METHOD USED		N/A		UPPER EXPLOSION LIMIT (% BY VOLUME) N/A	
AUTOIGNITION TEMPERATURE (°C)		N/A		TDC FLAMMABILITY CLASSIFICATION N/A	
EXPLOSION SENSITIVITY TO IMPACT DATA		N/A		RATE OF BURNING N/A	
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		Strong Acids	
REACTIVITY, AND UNDER WHAT CONDITIONS		Will neutralize acid and release some heat.			
HAZARDOUS DECOMPOSITION PRODUCTS		Sulfur Dioxide, carbon dioxide, possible carbon monoxide.			
SECTION 7 - PREVENTIVE MEASURES		REPRODUCTIVE EFFECTS		SYNERGISTIC EFFECTS	
GLOVES		Nitrile Rubber or Plastic		Possible Mutagen None	
FOOTWEAR		N/A		Clothing Cover skin	
ENGINEERING CONTROLS		Recommended ventilation - 10 room volumes per hour			
LEAK AND SPILL PROCEDURE		Neutralize with sodium bicarbonate, dike the spill and soak up with absorbent material. Put into plastic container for legal disposal.			
WASTE DISPOSAL		Disposal must conform to Federal and Local Regulations. Consult local sewer authority.			
HANDLING PROCEDURES AND EQUIPMENT		Store and handle in a tightly capped container. Wear protective gloves, clothes, and goggles. Keep work space uncluttered. Avoid contact with eyes and skin.			
STORAGE REQUIREMENTS		Do not store near food, drink, or tobacco products. Store in a well ventilated area. Store between 10 - 25 °C. Do not allow to freeze.			
SPECIAL SHIPPING INFORMATION		Ship above 4.4 °C. Protect from puncturing by handling or other equipment.			
SECTION 8 - FIRST AID MEASURES					
EYES		Flush with water for at least 15 minutes. Get medical attention.			
SKIN		Remove contaminated clothing and wash skin thoroughly with non-alkaline type of cleanser. Wash clothes before re-use.			
INHALATION		If symptomatic, remove to fresh air. If breathing becomes difficult, give oxygen. Get medical attention.			
INGESTION		If conscious, induce vomiting as directed by medical personnel. Give plenty of water. If not conscious, give artificial respiration. Obtain prompt medical attention.			
SECTION 9 - PREPARATION OF MSDS					
Form Preparation controlled by FILM PROCESSOR DEPARTMENT		TELEPHONE NO. (516) 433-7676		DATE 10-4-13	



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE														
MATERIAL IDENTIFIER					Air Techniques Fixer					Code 2				
Distributed By: AIR TECHNIQUES, INC														
1295 WALT WHITMAN RD														
MELVILLE, NY 11747 (516)433-7676														
CHEMTREC (800) 424-9300														
SECTION 2 - HAZARDOUS INGREDIENTS														
HAZARDOUS INGREDIENTS		%	UN, NA, OR CAS NUMBER	OSHA PEL	ACGIH TLV	LD ₅₀ OF MATERIAL (SPECIFY SPECIES/ROUTE)	LC ₅₀ OF MATERIAL (SPECIFY SPECIES)							
Water		60-100	7732-18-5	---	---	---	---							
Ammonium Thiosulfate		1-5	7783-18-8	N/A	N/A	Oral/Rat 2890	N/A							
Sodium Sulfite		1-5	7757-83-7	N/A	N/A	1M/Rat 115	N/A							
Sodium Acetate		1-5	127-09-3	N/A	N/A	N/A	N/A							
N/A = Not Available														
SECTION 3 - PHYSICAL DATA														
ODOR AND APPEARANCE		Vinegar Odor, clear colorless liquid	PHYSICAL STATE		GAS []	LIQUID [X]	SOLID []							
VAPOR PRESSURE		N/A	VAPOR DENSITY	N/A	EVAPORATION RATE	N/A	BOILING POINT (°C)	> 100	FREEZING POINT (°C)	0				
% VOLATILE (By Volume)		60-90	SOLUBILITY IN WATER	Complete	pH	4.5 - 5.0	COEFF. WATER/OIL DIST	N/A						
SECTION 4 - FIRE AND EXPLOSION DATA		FLAMMABILITY		YES []	NO [X]	IF YES, UNDER WHICH CONDITION								
MEANS OF EXTINCTION		Any applicable to the primary cause of fire.												
FLASH POINT (°C) METHOD USED		N/A	UPPER EXPLOSION LIMIT (% BY VOLUME)		N/A	LOWER EXPLOSION LIMIT (% BY VOLUME)		N/A						
AUTOIGNITION TEMPERATURE (°C)		N/A	TDG FLAMMABILITY CLASSIFICATION		N/A	HAZARDOUS COMBUSTION PRODUCTS		N/A						
EXPLOSION SENSITIVITY TO IMPACT DATA		N/A	RATE OF BURNING		N/A	EXPLOSIVE POWER		N/A	SENSITIVITY TO STATIC DISCHARGE		N/A			
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 Strong Alkalies or Acids												
REACTIVITY, AND UNDER WHAT CONDITIONS		Will neutralize strong alkalies and release some heat.												
HAZARDOUS DECOMPOSITION PRODUCTS		Sulfur Dioxide (acids) and ammonia (alkalis).												

SECTION 6 - TOXICOLOGICAL PROPERTIES					Air Techniques Fixer					Code 2				
ROUTE OF ENTRY SKIN CONTACT [X] SKIN ABSORPTION [X] EYE CONTACT [X] INHALATION ACUTE [X] INHALATION CHRONIC [X] INGESTION [X]														
EFFECTS OF ACUTE EXPOSURE TO MATERIAL														
EYE - Irritation or burning may occur. High concentrations of acetic acid vapors can cause excess blinking, tearing, and eye discomfort.														
SKIN - Irritation and burning possible.														
INGESTION - Acetic Acid can cause burning to mouth, throat, and esophagus. Nausea, vomiting, abdominal pain, shock state collapse are possible. Sodium Sulfite may cause circulatory disturbances and central nervous system damage.														
INHALATION - If heated ammonia vapors will irritate the throat.														
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL														
None														
SENSITIZATION PROPERTY		CARCINOGENICITY		REPRODUCTIVE EFFECTS		SYNERGISTIC EFFECTS		IRRITANCY						
N/A		None		None		None		Eye and skin possible						
SECTION 7 - PREVENTIVE MEASURES														
GLOVES		RESPIRATOR		Use NIOSH approved cartridge		EYE		Eye wash station and chemical splash goggles.						
NITRILE Rubber or Plastic														
FOOTWEAR		N/A		CLOTHING		Cover skin		OTHER		N/A				
ENGINEERING CONTROLS Recommended ventilation - 10 room volumes per hour														
LEAK AND SPILL PROCEDURE		Neutralize with sodium bicarbonate, dike the spill and soak up with absorbent material. Put into plastic container for legal disposal.												
WASTE DISPOSAL		Disposal must conform to Federal and Local Regulations. Consult local sewer authority.												
HANDLING PROCEDURES AND EQUIPMENT		Store and handle in a tightly capped container. Wear protective gloves, clothes, and goggles. Keep work space uncluttered. Avoid contact with eyes and skin.												
STORAGE REQUIREMENTS		Do not store near food, drink, or tobacco products. Store in a well ventilated area. Store between 10 - 25 °C. Do not allow to freeze.												
SPECIAL SHIPPING INFORMATION		Ship above 4.4 °C. Protect from puncturing by handling or other equipment.												
SECTION 8 - FIRST AID MEASURES														
EYES - Flush with water for at least 15 minutes. Get medical attention.														
SKIN - Remove contaminated clothing and wash skin thoroughly with soap and 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.														
SECTION 9 - PREPARATION OF MSDS														
Form Preparation Controlled by FILM PROCESSOR DEPARTMENT					TELEPHONE NO.					(516) 433-7676				
					DATE					10-4-13				

