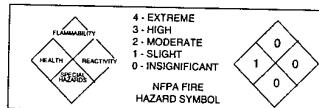


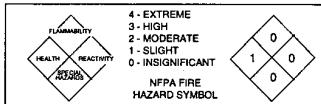
MATERIAL SAFETY DATA SHEET



SECTION 1 – PRODUCT IDENTIFICATION AND USE									
MATERIAL IDENTIFIER	Peri-Pro Developer	Code 6	Primary Emergency Contact		CHEMREC (800) 424-9300				
MANUFACTURER'S NAME	AIR TECHNIQUES, INC.		SUPPLIER'S NAME: (In Canada Only):		AIR TECHNIQUES, INC. SCI-CAN Div. of Lux & Zwingenberger, Ltd.				
STREET ADDRESS	70 Cantiague Rock Road		STREET ADDRESS:		1440 Don Mills Road				
CITY	Hicksville	STATE	NY	CITY	Toronto	STATE	Ontario, CANADA		
Postal Code	11801	Telephone No.	(516) 433-7676	Postal Code	M3B 3P9	Telephone No.	(416) 445-1600		
SECTION 2 – HAZARDOUS INGREDIENTS									
HAZARDOUS INGREDIENTS		%	UN, NA, OR CAS NUMBER	OSHA PEL	ACGIH TLV	LD ₅₀ of material mg/kg (specify species/route)	LC ₅₀ of material (specify species)		
Water		85-90	7732-18-5	--	--	--	--		
Potassium Sulfite		1-5	10117-38-1	N/A	N/A	N/A	N/A		
Sodium Sulfite		1-5	7757-83-7	N/A	N/A	IVN/Rat 115	N/A		
Potassium Carbonate		1-5	584-08-7	N/A	N/A	Oral/Rat 1870	N/A		
Hydroquinone		1-5	123-31-9	2mg/m ³	2mg/m ³	Oral/Human 70-170	0.09mg/L		
N/A = Not Available						24-Hr. Daphnia			
SECTION 3 – PHYSICAL DATA		PHYSICAL STATE GAS [] LIQUID [X] SOLID []							
ODOR AND APPEARANCE			Slight odor, light yellow color		Odor Threshold (PPM)		N/A	Specific Gravity 1.1	
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	10.3	Coeff. Water/Oil Dist	N/A		
SECTION 4 – FIRE AND EXPLOSION DATA		FLAMMABILITY YES [] NO [X] If Yes, Under Which Conditions							
MEANS OF EXTINCTION			SPECIAL PROCEDURES Fire Fighters should wear self-contained breathing apparatus. Excessive heat may cause production of hazardous decomposition products.						
Flashpoint (°C) and Method	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 oxidizers and acids							
REACTIVITY, AND UNDER WHAT CONDITIONS		Will neutralize strong acids and release some heat.							
HAZARDOUS DECOMPOSITION PRODUCTS		Sulfur dioxide, carbon dioxide, possible carbon monoxide							

SECTION 6 – TOXICOLOGICAL PROPERTIES		Peri-Pro Developer Code 6					
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 – May cause eye irritation; Hydroquinone in high concentrations may cause discoloration and opacity of cornea. May cause allergic skin irritation.							
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.							
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL None							
Sensitization Property	N/A	Carcinogenicity	None	Reproductive Effects	Possible mutagen	Synergistic Materials	N/A
Irritancy	Eye & Skin possible						
SECTION 7 – PREVENTIVE MEASURES							
GLOVES	RESPIRATOR Use NIOSH approved cartridge respirator in poorly ventilated areas			EYE			Eye wash station and chemical splash goggles
FOOTWEAR	N/A	CLOTHING	Cover Skin		OTHER	N/A	
ENGINEERING CONTROLS Ventilation 10 room volumes per hour							
LEAK AND SPILL PROCEDURE Neutralize with sodium bicarbonate, dike the spill, and soak up with absorbant material. Place in plastic container for legal disposal.							
WASTE DISPOSAL No specific method necessary if neutralized. Disposal must conform to Federal and Local regulations. Request permission of local sewer authority.							
HANDLING PROCEDURES AND EQUIPMENT Store and handle in 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 well ventilated area. Store between 10 – 25°C. Do not allow to freeze.							
SPECIAL SHIPPING INFORMATION When shipping, keep above 4.4°C. Protect from puncturing by handling or other equipment.							
SECTION 8 – FIRST AID MEASURES							
EYES – Flush with water spray for at least 15 minutes. Get medical attention.							
SKIN – Remove contaminated clothing and wash skin thoroughly with non-alkaline type cleanser. Wash clothing before reuse.							
INHALATION – If symptomatic, remove to fresh air. If breathing is 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 and obtain prompt medical attention.							
SECTION 9 – PREPARATION DATE OF MSDS				PREPARATION OF FORM controlled by Film Processor Department PH. NO. (516) 433-7676 12/100			

MATERIAL SAFETY DATA SHEET



SECTION 1 – PRODUCT IDENTIFICATION AND USE								
MATERIAL IDENTIFIER Peri-Pro Fixer Code 6			Primary Emergency Contact CHEMTRAC (800) 424-9300					
MANUFACTURER'S NAME AIR TECHNIQUES, INC. (In Canada Only):			SUPPLIER'S NAME: AIR TECHNIQUES, INC. SCI-CAN Div. of Lux & Zwingenberger, Ltd.					
STREET ADDRESS 70 Cantiague Rock Road			STREET ADDRESS: 1440 Don Mills Road					
CITY Hicksville STATE NY			CITY Toronto STATE Ontario, CANADA					
Postal Code 11801 Telephone No. (516) 433-7676			Postal Code M3B 3P9 Telephone No. (416) 445-1600					
SECTION 2 – HAZARDOUS INGREDIENTS								
HAZARDOUS INGREDIENTS		%	UN, NA, OR CAS NUMBER	OSHA PEL	ACGH TLV	LD ₅₀ of material mg/kg (specify species/route)	LC ₅₀ of material (specify species)	
Water		80-85	7732-18-5	--	--	--	--	
Ammonium Thiosulfate		10-15	7783-18-8	N/A	N/A	Oral/Rat 2890		
Sodium Bisulfite		1-5	7631-90-5	5mg/m ³	5mg/m ³	Oral/Rat 2000		
Sodium Acetate		1-5	127-09-3	N/A	N/A	Oral/Rat 3530		
N/A = Not Available								
SECTION 3 – PHYSICAL DATA		PHYSICAL STATE GAS [] LIQUID [X] SOLID []						
ODOR AND APPEARANCE Vinegar odor, clear colorless liquid			Odor Threshold (PPM) N/A			Specific Gravity 1.1		
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 Conditions						
MEANS OF EXTINCTION Any Applicable to primary cause of fire			SPECIAL PROCEDURES Fire Fighters should wear self-contained breathing apparatus. Excessive heat may cause production of hazardous decomposition products.					
Flashpoint (°C) and Method 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 alkalis								
REACTIVITY, AND UNDER WHAT CONDITIONS Will neutralize strong alkali and release some heat.								
HAZARDOUS DECOMPOSITION PRODUCTS Sulfur dioxide and ammonia								

SECTION 6 – TOXICOLOGICAL PROPERTIES		Peri-Pro Fixer Code 6							
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 and burning may occur. High concentrations of acetic acid vapors can cause excess blinking, tearing, and eye discomfort.									
SKIN – Skin irritation and burning possible.									
INGESTION – Acetic acid can cause burning to mouth, throat, and esophagus, nausea, vomiting, abdominal pain, shock state, collapse. 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 N/A		Carcinogenicity None		Reproductive Effects None		Synergistic Materials N/A		Irritancy Eye & Skin possible	
SECTION 7 – PREVENTIVE MEASURES									
GLOVES Nitrile rubber or plastic		RESPIRATOR Use NIOSH approved cartridge respirator in poorly ventilated areas				EYE Eye wash station and chemical splash goggles			
FOOTWEAR N/A		CLOTHING Cover Skin				OTHER N/A			
ENGINEERING CONTROLS Ventilation 10 room volumes per hour									
LEAK AND SPILL PROCEDURE Neutralize with sodium bicarbonate, dike the spill, and soak up with absorbent material. Place in plastic container for legal disposal.									
WASTE DISPOSAL Disposal must conform to Federal and Local regulations. Request permission of local sewer authority.									
HANDLING PROCEDURES AND EQUIPMENT Store and handle in 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 well ventilated area. Store between 10 – 30°C. Do not allow to freeze.									
SPECIAL SHIPPING INFORMATION When shipping, keep above 4.4°C. Protect from puncturing by handling or other equipment.									
SECTION 8 – FIRST AID MEASURES									
EYES – Flush with water spray for 15 minutes.									
SKIN – Remove contaminated clothing and wash skin thoroughly. Wash clothing.									
INHALATION – Remove to fresh air. If breathing is difficult, give oxygen.									
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 DATE OF MSDS		PREPARATION OF FORM controlled by Film Processor Department PH. NO. (516) 433-7676 12/1/00							