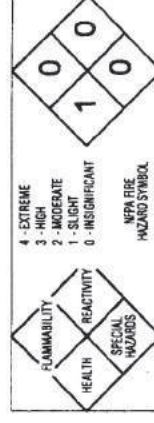


MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE									
MATERIAL IDENTIFIER		Peri-Pro Developer				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	---	---	---	---			
Sodium Sulfite	1-5	7757-83-7	N/A	N/A	1VM/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	0.07mg/L 24 HR. DAPHNIA			
N/A - Not Available									
SECTION 3 - PHYSICAL DATA									
PHYSICAL DATA		GAS []		LIQUID [X]		SOLID []			
ODOR AND APPEARANCE slight odor, light yellow color									
VAPOR PRESSURE		VAPOR DENSITY		EVAPORATION RATE		BOILING POINT (°C)		FREEZING POINT (°C)	
N/A		N/A		N/A		N/A		0	
% VOLATILE (By Volume)		60-90 SOLUBILITY IN WATER		Complete		pH		10.3	
N/A		N/A		N/A		N/A		N/A	
SECTION 4 - FIRE AND EXPLOSION DATA									
FLAMMABILITY		YES []		NO [X]		IF YES, UNDER WHICH CONDITION			
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		LOWER EXPLOSION LIMIT (% BY VOLUME) N/A	
AUTOIGNITION TEMPERATURE (°C)		N/A		TDS 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	
EXPLOSION SENSITIVITY TO STATIC DISCHARGE		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 Acids	
REACTIVITY, AND UNDER WHAT CONDITIONS Will neutralize acid and release some heat.									
HAZARDOUS DECOMPOSITION PRODUCTS Sulfur Dioxide, carbon dioxide, possible carbon monoxide.									

SECTION 6 - TOXICOLOGICAL PROPERTIES									
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 the cornea.									
SKIN - May cause allergic skin reaction.									
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		[CARCINOGENICITY]		[REPRODUCTIVE EFFECTS]		[SYNERGISTIC EFFECTS]		[IRRITANCY]	
N/A		None		Possible Mutagen		None		Eye and 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.	
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, dilute 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 Peri Pro 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									
	X	UN, IN, OR CAS NUMBER	OSHA PEL	OSHA TLV	LD ₅₀ OF MATERIAL (SPECIFY SPECIES/ROUTE)	LC ₅₀ OF MATERIAL (SPECIFY SPECIES)			
Water		7732-18-5	---	---	---	---			
Ammonium Thiosulfate	1-5	7783-18-8	M/A	M/A	Oral/Rat 2890	M/A			
Sodium Sulfite	1-5	7757-83-7	M/A	M/A	1W/Rat 115	M/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									
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									
LOWER EXPLOSION LIMIT (% BY VOLUME) N/A									
AUTOIGNITION TEMPERATURE (°C) N/A									
TOG 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).									

#6994-M

SECTION 6 - TOXICOLOGICAL PROPERTIES									
Peri Pro Fixer Code 2									
ROUTE OF ENTRY SKIN CONTACT DX SKIN ABSORPTION DX EYE CONTACT DX INHALATION ACUTE DX INHALATION CHRONIC DX INGESTION DX									
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 None									
SYNERGISTIC EFFECTS None									
IRRITANCY Eye and 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 M/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									

