

SAFETY DATA SHEETS

This SDS packet was issued with item:

071048578

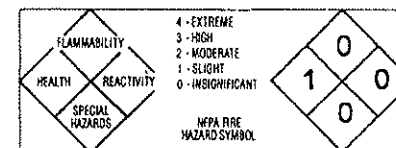
The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

071048552

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE							Peri Pro Fixer Code 2					
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							ROUTE OF ENTRY SKIN CONTACT ☐ SKIN ABSORPTION ☐ EYE CONTACT ☐ INHALATION ACUTE ☐ INHALATION CHRONIC ☐ INGESTION ☐					
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					
SECTION 2 - HAZARDOUS INGREDIENTS							SECTION 7 - PREVENTIVE MEASURES					
	%	UN, NA, OR CAS NUMBER	OSHA PEL	OSHA TLV	LD ₅₀ OF MATERIAL mg/kg (SPECIFY SPECIES/ROUTE)	LC ₅₀ OF MATERIAL (SPECIFY SPECIES)	SENSITIZATION PROPERTY		CARCINOGENICITY	REPRODUCTIVE EFFECTS	SYNERGISTIC EFFECTS	IRRITANCY
Water	60-100	7732-18-5	---	---	---	---	N/A		None	None	None	Eye and skin possible
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	1VN/Rat 115	N/A						
Sodium Acetate	1-5	127-09-3	N/A	N/A	N/A	N/A						
N/A = Not Available							GLOVES		RESPIRATOR Use NIOSH approved cartridge		EYE Eye wash station and chemical splash goggles.	
							Nitrile Rubber or Plastic		respirator in poorly ventilated areas.			
							FOOTWEAR N/A		CLOTHING Cover skin		OTHER N/A	
SECTION 3 - PHYSICAL DATA							ENGINEERING CONTROLS Recommended ventilation - 10 room volumes per hour					
PHYSICAL STATE		GAS ☐		LIQUID ☒		SOLID ☐		LEAK AND SPILL PROCEDURE Neutralize with sodium bicarbonate, dike the spill and soak up with absorbent material. Put into plastic container for legal disposal.				
ODOR AND APPEARANCE Vinegar Odor, clear colorless liquid		ODOR THRESHOLD (PPM) N/A		SPECIFIC GRAVITY 1.1		WASTE DISPOSAL Disposal must conform to Federal and Local Regulations. Consult local sewer authority.						
VAPOR PRESSURE N/A	VAPOR DENSITY N/A	EVAPORATION RATE N/A	BOILING POINT (°C) > 100	FREEZING POINT (°C) 0		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.						
% VOLATILE (By Volume) 60-90		SOLUBILITY IN WATER Complete		pH 4.5 - 5.0		COEFF. WATER/OIL DIST N/A		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.				
SECTION 4 - FIRE AND EXPLOSION DATA							SPECIAL SHIPPING INFORMATION Ship above 4.4 °C. Protect from puncturing by handling or other equipment.					
FLAMMABILITY		YES ☐		NO ☒		IF YES, UNDER WHICH CONDITION		SECTION 8 - FIRST AID MEASURES				
MEANS OF EXTINCTION		SPECIAL PROCEDURES		Firefighters should wear self-contained breathing apparatus. Excessive heat may cause the production of hazardous decomposition products.		EYES - Flush with water for at least 15 minutes. Get medical attention.						
Any applicable to the primary cause of fire.						SKIN - Remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothes before re-use.						
FLASH POINT (°C) METHOD USED N/A		UPPER EXPLOSION LIMIT (% BY VOLUME) N/A		LOWER EXPLOSION LIMIT (% BY VOLUME) N/A		INHALATION - Remove to fresh air. If breathing becomes difficult, give oxygen. Get medical attention.						
AUTOIGNITION TEMPERATURE (°C) N/A		TDG FLAMMABILITY CLASSIFICATION N/A		HAZARDOUS COMBUSTION PRODUCTS N/A		INGESTION - If conscious, give large amounts of water. Do not induce vomiting. If not conscious, give artificial respiration. Obtain prompt medical attention.						
EXPLOSION SENSITIVITY TO IMPACT DATA N/A		RATE OF BURNING N/A		EXPLOSIVE POWER N/A		SENSITIVITY TO STATIC DISCHARGE N/A		SECTION 9 - PREPARATION OF MSDS				
SECTION 5 - REACTIVITY DATA							Form Preparation Controlled by FILM PROCESSOR DEPARTMENT					
CHEMICAL STABILITY		YES ☒		NO ☐		IF NO, UNDER WHICH CONDITIONS		TELEPHONE NO. (516) 433-7676		DATE 10-4-10		
INCOMPATIBILITY WITH OTHER SUBSTANCES YES ☒ 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 (alkalies).												

#6994-M



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE						
MATERIAL IDENTIFIER Peri-Pro Fixer		CODE 0	PRIMARY EMERGENCY CONTACT CHEMTREC		TELEPHONE NO. (800) 424-9300	
DISTRIBUTOR'S NAME		AIR TECHNIQUES INC.				
STREET ADDRESS		1295 WALT WHITMAN ROAD				
CITY	MELVILLE	STATE	NY			
POSTAL CODE	11747	TELEPHONE NO.	(516) 433-7676			
SECTION 2 - HAZARDOUS INGREDIENTS						
	%	UN, NA, OR CAS NUMBER	OSHA PEL	OSHA TLV	LD ₅₀ OF MATERIAL mg/kg (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	IVM/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						
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				
X VOLATILE (By Volume)	60-90	SOLUBILITY IN WATER	Complete	pH	4.5 - 5.0	COEFF. WATER/OIL DIST
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.				
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	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
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 or Acids		
REACTIVITY, AND UNDER WHAT CONDITIONS		Will neutralize strong alkalis and release some heat.				
HAZARDOUS DECOMPOSITION PRODUCTS		Sulfur Dioxide (acids) and ammonia (alkalis).				

SECTION 6 - TOXICOLOGICAL PROPERTIES		Per-Pro Fixer	Code 0
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
N/A	None	None	None
IRRITANCY		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	respirator in poorly ventilated areas.		
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 local 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 1/08/08

#6994-M

