

SAFETY DATA SHEETS

This SDS packet was issued with item:

071048578

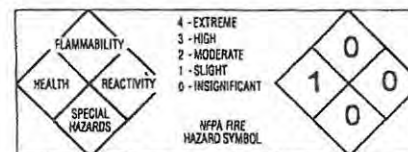
The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

071048552

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE				SECTION 6 - TOXICOLOGICAL PROPERTIES				Per-Pro Fixer	Code 0
MATERIAL IDENTIFIER Peri-Pro Fixer		CODE 0	PRIMARY EMERGENCY CONTACT CHEMTREC		TELEPHONE NO. (800) 424-9300		ROUTE OF ENTRY SKIN CONTACT ☒ SKIN ABSORPTION ☒ EYE CONTACT ☒ INHALATION ACUTE ☒ INHALATION CHRONIC ☒ INGESTION ☒		
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	IVN/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 ☒		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 ☒		IF YES, UNDER WHICH CONDITION			
MEANS OF EXTINCTION				SPECIAL PROCEDURES					
Any applicable to the primary cause of fire.				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 N/A			
SECTION 5 - REACTIVITY DATA									
CHEMICAL STABILITY		YES ☒		NO ☐		IF NO, UNDER WHICH CONDITIONS			
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).									
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 HIGH 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, 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 4/22/2013	

#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

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