

SAFETY DATA SHEETS

This SDS packet was issued with item:

071048578

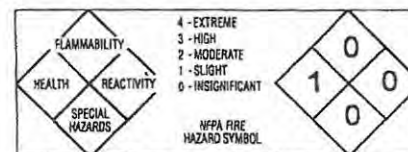
The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

071048552

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE				SECTION 6 - TOXICOLOGICAL PROPERTIES			
MATERIAL IDENTIFIER Peri-Pro Fixer		CODE 0	PRIMARY EMERGENCY CONTACT CHEMTREC	TELEPHONE NO. (800) 424-9300		Per-Pro Fixer Code 0	
DISTRIBUTOR'S NAME AIR TECHNIQUES INC.				ROUTE OF ENTRY SKIN CONTACT ☒ SKIN ABSORPTION ☒ EYE CONTACT ☒ INHALATION ACUTE ☒ INHALATION CHRONIC ☒ INGESTION ☒			
STREET ADDRESS 1295 WALT WHITMAN ROAD				EFFECTS OF ACUTE EXPOSURE TO MATERIAL			
CITY MELVILLE STATE NY				EYE - Irritation or burning may occur. High concentrations of acetic acid vapors can cause excess blinking, tearing, and eye discomfort.			
POSTAL CODE 11747 TELEPHONE NO. (516) 433-7676				SKIN - Irritation and burning possible.			
SECTION 2 - HAZARDOUS INGREDIENTS				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.			
	%	UN, NA, OR CAS NUMBER	OSHA PEL	OSHA TLV	LD ₅₀ OF MATERIAL mg/kg (SPECIFY SPECIES/ROUTE)	LC ₅₀ OF MATERIAL (SPECIFY SPECIES)	INHALATION - If heated ammonia vapors will irritate the throat.
Water	60-100	7732-18-5	---	---	---	---	EFFECTS OF CHRONIC EXPOSURE TO MATERIAL None
Ammonium Thiosulfate	1-5	7783-18-8	N/A	N/A	Oral/Rat 2890	N/A	SENSITIZATION PROPERTY N/A
Sodium Sulfite	1-5	7757-83-7	N/A	N/A	IVN/Rat 115	N/A	CARCINOGENICITY None
Sodium Acetate	1-5	127-09-3	N/A	N/A	N/A	N/A	REPRODUCTIVE EFFECTS None
N/A = Not Available				SYNERGISTIC EFFECTS None			
SECTION 3 - PHYSICAL DATA				SECTION 7 - PREVENTIVE MEASURES			
PHYSICAL STATE		GAS ☐	LIQUID ☒	SOLID ☐		GLOVES	
ODOR AND APPEARANCE Vinegar Odor, clear colorless liquid		ODOR THRESHOLD (PPM) N/A		SPECIFIC GRAVITY 1.1		Nitrile Rubber or Plastic	
VAPOR PRESSURE N/A		VAPOR DENSITY N/A		EVAPORATION RATE N/A		RESPIRATOR Use NIOSH approved cartridge respirator in poorly ventilated areas.	
X VOLATILE (By Volume) 60-90		SOLUBILITY IN WATER Complete		pH 4.5 - 5.0		EYE Eye wash station and chemical splash goggles.	
COEFF. WATER/OIL DIST N/A		FREEZING POINT (°C) 0		FOOTWEAR N/A			
SECTION 4 - FIRE AND EXPLOSION DATA				CLOTHING Cover skin			
FLAMMABILITY YES ☐ NO ☒		IF YES, UNDER WHICH CONDITION		OTHER N/A			
MEANS OF EXTINCTION		SPECIAL PROCEDURES		ENGINEERING CONTROLS Recommended ventilation - 10 room volumes per hour			
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.		LEAK AND SPILL PROCEDURE Neutralize with sodium bicarbonate, dike the spill and soak up with absorbent material. Put into plastic container for legal disposal.			
FLASH POINT (°C) METHOD USED N/A		UPPER EXPLOSION LIMIT (% BY VOLUME) N/A		LOWER EXPLOSION LIMIT (% BY VOLUME) N/A		WASTE DISPOSAL Disposal must conform to Federal and Local Regulations. Consult local sewer authority.	
AUTOIGNITION TEMPERATURE (°C) N/A		TDG FLAMMABILITY CLASSIFICATION N/A		HAZARDOUS COMBUSTION PRODUCTS N/A		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.	
EXPLOSION SENSITIVITY TO IMPACT DATA N/A		RATE OF BURNING N/A		EXPLOSIVE POWER 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.	
SENSITIVITY TO STATIC DISCHARGE N/A		SPECIAL SHIPPING INFORMATION Ship above 4.4 °C. Protect from puncturing by handling or other equipment.					
SECTION 5 - REACTIVITY DATA				SECTION 8 - FIRST AID MEASURES			
CHEMICAL STABILITY YES ☒ NO ☐		IF NO, UNDER WHICH CONDITIONS		EYES - Flush with water for at least 15 minutes. Get medical attention.			
INCOMPATIBILITY WITH OTHER SUBSTANCES YES ☒ NO ☐		IF YES, WHICH ONES Strong Alkalies or Acids		SKIN - Remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothes before re-use.			
REACTIVITY, AND UNDER WHAT CONDITIONS Will neutralize strong alkalies and release some heat.		INHALATION - Remove to fresh air. If breathing becomes difficult, give oxygen. Get medical attention.					
HAZARDOUS DECOMPOSITION PRODUCTS Sulfur Dioxide (acids) and ammonia (alkalies).		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



SAFETY DATA SHEET

SECTION 1 - General Information

Product Name: PER-PRO FIXER	Catalog #: 90802, 90800
Product Use: Photographic Fixer	HMIS SCALE: Health 1 Flammability 0
Supplier: Air Techniques Inc.	Reactivity 0 PPE C
Address: 1295 Walt Whitman Road, Melville, NY 11747	
Phone No.: (516)433-7676	Emergency Tel.: CHEMTREC 800-424-9300

SECTION 2 - Hazards Identification

Precautionary Statement.	Category	WARNING
Skin: May cause mild skin irritation and or reaction.	5	
Eye: Can cause irritation of eyes and mucous membranes.	2B	
Oral: May be harmful if swallowed or inhaled	3	

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None known

SECTION 3 - Product & Hazardous Ingredients Information

HAZARDOUS INGREDIENTS	CAS No.	W/W %	PEL	LD50	LC50
Water	7732-18-5	90-95	not listed	42.6 gm/kg	not available
Ammonium Thiosulfate	7783-18-8	8-12	not listed	2890 mg/kg	not available
Sodium Sulfite	7757-83-7	<2	not listed	2825 mg/kg	not available
Sodium acitate	127-09-03	<2	not listed	3530 mg/kg	30 gm/m3

SECTION 4 - First Aid Measures

SKIN CONTACT:

Wash exposed skin thoroughly with soap and water. If irritation persists seek medical advice.

EYE CONTACT:

Flush eyes with water for 15 minutes. Seek medical advice if symptoms persist.

INGESTION:

DO NOT induce vomiting. Seek medical attention immediately.

INHALATION:

If inhaled, remove to fresh air.

SECTION 5 - Fire Fighting Measures

Flammability YES ☐ NO ☒ IF YES UNDER WHAT CONDITIONS

MEANS OF EXTINGUISHING

As needed to extinguish adjacent fire source.

FLASH POINT (C/F)	Upper limit % by volume	Lower limit % by volume	Auto ignition Temperature (C/F)
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Not appropriate	Not appropriate	Not appropriate	Not appropriate
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HAZARDOUS COMBUSTION PRODUCTS	Explosion Data	Sensitivity to impact	Sensitivity to Static Discharge
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"See Hazardous Decomposition Products"	not susceptible	not susceptible
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SECTION 6 - Accidental Release

Flush to sewer with plenty of water, if permitted. If not, soak up with dry absorbent material. Consult with governmental regulatory agencies for appropriate disposal of this material. Wear appropriate protective equipment.

SECTION 7 - Handling and Storage

Read and follow the label, safety data sheet, and instructions before using. Avoid any contact with skin and eyes. Keep container tightly closed. Avoid incompatible substances. Wash thoroughly after handling this product.

PAGE 2.**Product Name:** PERI-PRO FIXER **Catalog #:** 90802, 90800**SECTION 8 - Exposure Control****VENTILLATION** Good general ventilation**SKIN** Latex or Nitril**RESPIRATORY** Not normally required**OTHER** Eye wash station**EYE:** Splash goggles**SECTION 9 - Physical & Chemical Properties**

PHYSICAL STATE	ODOR & APPEARANCE		ODOR THRESHOLD
Liquid	Clear, colorless with slight vinegar odor.		Not available
VAPOUR PRESSURE (mm-Hg)	Vapor Density (Air=1)	Evaporation Rate (Water=1)	Boiling Point
<17 mm Hg	0.6 mm Hg	Not Available	> 212 F
pH	Specific Gravity	Solubility in Water	Freeze Point
4.3	1.085	Complete	< 32 F
			Coef H2O/oil
			N/A
			% Volatile (by volume)
			50%

SECTION 10 - Stability & Reactivity Data

Chemical Stability IF NO, UNDER WHAT CONDITIONS

YES ☒ NO ☐

INCOMPATIBLE WITH OTHER SUBSTANCES

IF YES, WHICH ONES?

YES ☒ NO ☐

Strong reducing agents & Strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide & ammonia

REACTIVITY: Stable under ambient pressure & temperature.

SECTION 11 - Toxicological Information

EXPOSURE LIMITS	Irritation of Product	Sensitization to Product	CARCINOGENICITY
None Known	Skin: Irritant	None known	Not listed by IARC, OSHA, or ACGIH
TERATOGENICITY	REPRODUCTIVE TOXIN	MUTAGENICITY	SYNERGISTIC PRODUCTS
None Known	Not Known	Not Known	Not Known

SECTION 12 - Ecological Information

No Data Available

SECTION 13 - Disposal Considerations

Dispose of this product in accordance with federal, state and/or local laws.

SECTION 14 - Transportation Information

Not regulated for transportation.

SECTION 15 - Regulatory Information

SARA: Reportable quantity (RQ) for Ammonium Thiosulfate 5000 lb.

SARA Section 304, CERCLA Hazardous components - Ammonium Thiosulfate

SARA Section 302,304,313 Hazardous components (None)

Not a controlled product under Canadian WHMIS regulation

SECTION 16 - Other Information

The information contained in this SDS is furnished without warranty of any kind. The user should consider this data a supplement to other data gathered and must make an independent determination of suitability from this and other sources to assure proper use and disposal of this material and the health and safety of employees and customers.

DATE:

2/8/2018

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