

SAFETY DATA SHEETS

This SDS packet was issued with item:

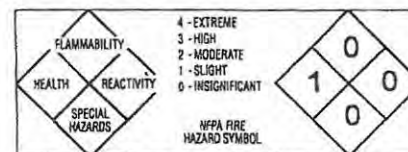
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The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

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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		
DISTRIBUTOR'S NAME AIR TECHNIQUES INC.				ROUTE OF ENTRY SKIN CONTACT <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE CONTACT <input checked="" type="checkbox"/> INHALATION ACUTE <input checked="" type="checkbox"/> INHALATION CHRONIC <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/>			
STREET ADDRESS 1295 WALT WHITMAN ROAD				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.			
CITY MELVILLE		STATE NY		SKIN - Irritation and burning possible.			
POSTAL CODE 11747		TELEPHONE NO. (516) 433-7676		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.			
SECTION 2 - HAZARDOUS INGREDIENTS				INHALATION - If heated ammonia vapors will irritate the throat.			
	%	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				SECTION 7 - PREVENTIVE MEASURES			
PHYSICAL STATE		GAS <input type="checkbox"/>	LIQUID <input checked="" type="checkbox"/>	SOLID <input type="checkbox"/>			
ODOR AND APPEARANCE Vinegar Odor, clear colorless liquid		ODOR THRESHOLD (PPM) N/A		SPECIFIC GRAVITY 1.1		EFFECTS OF CHRONIC EXPOSURE TO MATERIAL None	
VAPOR PRESSURE N/A		VAPOR DENSITY N/A		EVAPORATION RATE N/A		SENSITIZATION PROPERTY N/A	
X VOLATILE (By Volume) 60-90		SOLUBILITY IN WATER Complete		pH 4.5 - 5.0		CARCINOGENICITY None	
FLASH POINT (°C) METHOD USED N/A		UPPER EXPLOSION LIMIT (% BY VOLUME) N/A		LOWER EXPLOSION LIMIT (% BY VOLUME) N/A		REPRODUCTIVE EFFECTS None	
AUTOIGNITION TEMPERATURE (°C) N/A		TDG FLAMMABILITY CLASSIFICATION N/A		HAZARDOUS COMBUSTION PRODUCTS N/A		SYNERGISTIC EFFECTS None	
EXPLOSION SENSITIVITY TO IMPACT DATA N/A		RATE OF BURNING N/A		EXPLOSIVE POWER N/A		IRRITANCY Eye and skin possible	
SECTION 4 - FIRE AND EXPLOSION DATA				SECTION 8 - FIRST AID MEASURES			
FLAMMABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		IF YES, UNDER WHICH CONDITION		GLOVES Nitrile Rubber or Plastic			
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.		RESPIRATOR Use NIOSH approved cartridge respirator in poorly ventilated areas.			
FLASH POINT (°C) METHOD USED N/A		UPPER EXPLOSION LIMIT (% BY VOLUME) N/A		LOWER EXPLOSION LIMIT (% BY VOLUME) N/A		EYE Eye wash station and chemical splash goggles.	
AUTOIGNITION TEMPERATURE (°C) N/A		TDG FLAMMABILITY CLASSIFICATION N/A		HAZARDOUS COMBUSTION PRODUCTS N/A		FOOTWEAR N/A	
EXPLOSION SENSITIVITY TO IMPACT DATA N/A		RATE OF BURNING N/A		EXPLOSIVE POWER N/A		CLOTHING Cover skin	
SECTION 5 - REACTIVITY DATA				OTHER N/A			
CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		IF NO, UNDER WHICH CONDITIONS		ENGINEERING CONTROLS Recommended ventilation - 10 room volumes per hour			
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		IF YES, WHICH ONES Strong Alkalies or Acids		LEAK AND SPILL PROCEDURE Neutralize with sodium bicarbonate, dike the spill and soak up with absorbent material. Put into plastic container for legal disposal.			
REACTIVITY, AND UNDER WHAT CONDITIONS Will neutralize strong alkalies and release some heat.				WASTE DISPOSAL Disposal must conform to Federal and Local Regulations. Consult local sewer authority.			
HAZARDOUS DECOMPOSITION PRODUCTS Sulfur Dioxide (acids) and ammonia (alkalies).				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.			
SECTION 9 - PREPARATION OF MSDS				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.			
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.

Oral: Harmful if swallowed or inhaled.
Skin: Causes skin irritation
Eye: Causes eye irritation

Classification

4
2
2B

WARNING



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 acetate	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)

Not appropriate

Not appropriate

Not appropriate

Not appropriate

HAZARDOUS COMBUSTION PRODUCTS

Explosion Data Sensitivity to impact

Sensitivity to Static Discharge

"See Hazardous Decomposition Products"

not susceptible

not susceptible

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

VENTILATION 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	Irritancy of Product	Sensation 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:

4/15/2015

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