

SAFETY DATA SHEETS

This SDS packet was issued with item:

071048552

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

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).

070394007 070394015 071048560 078913203

SAFETY DATA SHEET

SECTION 1 - General Information

Product Name:	PER-PRO FIXER	Catalog #:	90802, 90800
Product Use:	Photographic Fixer	HMIS SCALE: Health 1	Flamability 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)

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

SECTION 10 - Stability & Reactivity Data**Chemical Stability** IF NO, UNDER WHAT CONDITIONSYES ☒ 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 None Known	Irritation of Product Skin: Irritant	Sensitization to Product None known	CARCINOGENICITY Not listed by IARC, OSHA, or ACGIH
TERATOGENICITY None Known	REPRODUCTIVE TOXIN Not Known	MUTAGENICITY Not Known	SYNERGISTIC PRODUCTS 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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SAFETY DATA SHEET

SECTION 1 - General Information

Product Name: PERI-PRO DEVELOPER		Catalog #: 90801, 90800
Product Use: Photographic developer	HMIS SCALE: Health 1	Flamability: 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:	Classification	
Oral: Harmful if swallowed	5	WARNING
Skin: May cause mild skin irritation or reaction.	5	
Eye: May cause eye irritation	2B	

EFFECTS OF CRONIC EXPOSURE TO PRODUCT

None known.

SECTION 3 - Product & Hazardous Ingredients Information

HAZARDOUS INGREDIENTS	CAS No.	W/W %	PEL	LD50	LC50
Water	7732-18-5	85-95	not listed	42.6gm/kg	N/A
Sodium Sulfite	7757-83-7	< 3	not listed	2825 mg/kg	N/A
Hydroquinone	123-31-9	< 2	OSHA TWA 2 mg/m3	320 mg/kg	N/A
Potassium hydroxide	1310-58-3	< 2	NIOSH @ 2mg/m3	365 mg/kg	N/A

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

Flamability ☐ 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

Autoignition 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.

SECTION 8 - Exposure Control

VENTILLATION Good general ventilation

SKIN Latex or nitrile

RESPIRATOR Not normally required

OTHER Eye wash station

EYE: Splash goggles

SECTION 9 - Physical & Chemical Properties

PHYSICAL STATE	ODOR & APPEARANCE		ODOR THRESHOLD
Liquid	Light yellow, odorless solution.		Not available
VAPOUR PRESSURE (mm-Hg)	Vapour 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
10.5	1.08	Complete	< 32 F
			% Volatile (by volume)
			not applicable

SECTION 10 - Stability & Reactivity Data

Chemical Stability	IF NO, UNDER WHAT CONDITIONS
YES <u>X</u> NO <u> </u>	
INCOMPATIBLE WITH OTHER SUBSTANCES	IF YES, WHICH ONES?
YES <u>X</u> NO <u> </u>	Strong oxidizing agent and strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS
sulfur dioxide, only under extreme conditions.

SECTION 11 - Toxicological Information

EXPOSURE LIMITS	Irritancy 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 Hydroquinone 5000 lb, Potassium hydroxide 1000 lb
SARA Section 304, CERCLA Hazardous components - (None)
SARA Section 302,304,313 Hazardous components (None)
Not a controlled product under Canadian WHMIS regulations.

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.

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