

# SAFETY DATA SHEET

## SECTION 1 - General Information

|                      |  |                      |                       |
|----------------------|--|----------------------|-----------------------|
| <b>Product Name:</b> | <b>PERI-PRO DEVELOPER</b>                  | <b>Catalog #:</b>    | <b>90801, 90800</b>   |
| 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

### WARNING!

Harmful if swallowed. May cause irritation of eyes.

May cause mild skin irritation.

### 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 | Freeze Point           |
| <17 mm Hg               | 0.6 mm Hg                        | Not Available              | > 212 F       | < 32 F                 |
| pH                      | Specific Gravity                 | Solubility in Water        | Coef H2O/oil  | % Volatile (by volume) |
| 10.5                    | 1.08                             | Complete                   | N/A           | not applicable         |

**SECTION 10 - Stability & Reactivity Data**

Chemical Stability      IF NO, UNDER WHAT CONDITIONS

YES X      NO \_\_\_\_\_

INCOMPATIBLE WITH OTHER SUBSTANCES

IF YES, WHICH ONES?

YES X      NO \_\_\_\_\_

Strong oxidizing agent and strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

sulfur dioxide, only under extreme conditions.

**SECTION 11 - Toxicological Information**

|                 |                      |                        |                                    |
|-----------------|----------------------|------------------------|------------------------------------|
| EXPOSURE LIMITS | Irritancy of Product | Sensitation 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.

# SAFETY DATA SHEET

## SECTION 1 - General Information

|                      |  |                      |                              |
|----------------------|--|----------------------|------------------------------|
| <b>Product Name:</b> | <b>PER-PRO FIXER</b>                       | <b>Catalog #:</b>    | <b>90802, 90800</b>          |
| 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.:           | <b>(516)433-7676</b>                       | Emergency Tel.:      | <b>CHEMTREC 800-424-9300</b> |

## SECTION 2 - Hazards Identification

### WARNING!

Harmful if swallowed. May cause burning or irritation of eyes and mucous membranes.

May cause mild skin irritation.

Prolonged inhalation of vapors may be irritating and cause headaches.

### 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 | not available | not available |

## 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 ventilationSKIN Latex or NitrilRESPIRATORY Not normally requiredOTHER Eye wash stationEYE: Splash goggles**SECTION 9 - Physical & Chemical Properties**

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

**SECTION 10 - Stability & Reactivity Data**

Chemical Stability IF NO, UNDER WHAT CONDITIONS

YES X NO     

INCOMPATIBLE WITH OTHER SUBSTANCES

IF YES, WHICH ONES?

YES X NO     

Strong reducing agents &amp; Strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide &amp; ammonia

REACTIVITY: Stable under ambient pressure &amp; temperature.

**SECTION 11 - Toxicological Information**

|                                      |   |   |  |
|--------------------------------------|---|---|--|
| <u>EXPOSURE LIMITS</u><br>None Known | <u>Irritancy of Product</u><br>Skin: Irritant | <u>Sensitation to Product</u><br>None known | <u>CARCINOGENICITY</u><br>Not listed by IARC, OSHA, or ACGIH |
| <u>TERATOGENICITY</u><br>None Known  | <u>REPRODUCTIVE TOXIN</u><br>Not Known        | <u>MUTAGENICITY</u><br>Not Known            | <u>SYNERGISTIC PRODUCTS</u><br>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:** 21-Apr-14

Page 2 of 2