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# SAFETY DATA SHEET

## SECTION 1 - General Information

<b>Product Name:</b> AIR TECHNIQUES DEVELOPER		<b>Catalog #:</b> 40240
Product Use: Photographic developer	HMS 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	85-90	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)

Not appropriate

### Upper limit % by volume

Not appropriate

### Lower limit % by volume

Not appropriate

### Autoignition Temperature (C/F)

Not appropriate

### HAZARDOUS COMBUSTION PRODUCTS

"See Hazardous Decomposition Products"

### Explosion Data Sensitivity to Impact

not susceptible

### Sensitivity to Static Discharge

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 Liquid	ODOR & APPEARANCE Light yellow, odorless solution.		ODOR THRESHOLD Not available
VAPOUR PRESSURE (mm-Hg) <17 mm Hg	Vapour Density (Air=1) 0.6 mm Hg	Evaporation Rate (Water=1) Not Available	Boiling Point > 212 F
pH 10.5	Specific Gravity 1.08	Solubility in Water Complete	Freeze Point < 32 F
		Coef H2O/oil N/A	% Volatile (by volume) not applicable

**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 oxidizing agent and strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS  
 sulfur dioxide, only under extreme conditions.

**SECTION 11 - Toxicological Information**

EXPOSURE LIMITS None known	Irritancy of Product Skin: Irritant	Sensitation 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 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> AIR TECHNIQUES FIXER	<b>Catalog #:</b> 40245, 40270
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

### 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	<15	not listed	2890 mg/kg	not available
Sodium Sulfite	7757-83-7	<2	not listed	2825 mg/kg	not available
Sodium acitlate	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.

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Product Name: Air Techniques Fixer Catalog #: 40245, 40270

**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	Irritancy of Product	Sensitisation 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: 10-Mar-14

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