

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

071048487

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

071048420

# SAFETY DATA SHEET

## SECTION 1 - General Information

Product Name:	AIR TECHNIQUES DEVELOPER	Catalog #:	40240
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	<b>WARNING</b>
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 metabisulfite	7681-57-4	< 3	not listed	2000 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**

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

<b>EXPOSURE LIMITS</b> None known	<b>Irritancy of Product</b> Skin: Irritant	<b>Sensitation to Product</b> None known	<b>CARCINOGENICITY</b> Not listed by IARC, OSHA, or ACGIH
<b>TERATOGENICITY</b> None Known	<b>REPRODUCTIVE TOXIN</b> Not Known	<b>MUTAGENICITY</b> Not Known	<b>SYNERGISTIC PRODUCTS</b> 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.

**DATE:**      2/8/2018

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# SAFETY DATA SHEET

## SECTION 1 - General Information

<b>Product Name:</b>	<b>AIR TECHNIQUES FIXER</b>	<b>Catalog #:</b>	<b>40245, 40270</b>
<b>Product Use:</b>	Photographic Fixer	<b>HMIS SCALE:</b>	Health 1      Flammability 0
<b>Supplier:</b>	Air Techniques Inc.	<b>Reactivity:</b>	0 <b>PPE:</b> C
<b>Address:</b>	1295 Walt Whitman Road, Melville, NY 11747		
<b>Phone No.:</b>	(516)433-7676	<b>Emergency Tel.:</b>	<b>CHEMTREC 800-424-9300</b>

## SECTION 2 - Hazards Identification

### Precautionary Statement.

Skin: May cause mild skin irritation and or reaction.

Eye: Can cause irritation of eyes and mucous membranes.

Oral: May be harmful if swallowed or inhaled

### Category

5

2B

3

### **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.

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

**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 <u>X</u> NO	
INCOMPATIBLE WITH OTHER SUBSTANCES	IF YES, WHICH ONES?
YES <u>X</u> 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	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.

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