

## **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 071048438

**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).**

076387401

# 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		40270
Phone No.: (516)433-7676	Emergency Tel.: CHEMTREC 800-424-9300	

## SECTION 2 - Hazards Identification

<b>Precautionary Statement.</b>	<u>Classification</u>	
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)**

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	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 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	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	<b>WARNING</b>
Skin: May cause mild skin irritation and or reaction.	5	<b>WARNING</b>
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 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**

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	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)
4.3	1.085	Complete	N/A	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	Sensitiation 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:

2/8/2018

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