# SAFETY DATA SHEET

#### **SECTION 1 - General Information** PRODUCT NAME T2 Automatic X-Ray Fixers Concentrate, Part B C Photographic Solution Flamability **0** PPE **HMIS SCALE:** Health 1 Reactivity **0** PRODUCT USE White Mountain Imaging **SUPPLIER** CATALOG #: PO Box 216 Salisbury, NH 03268 3303, 4010F, 4010FP, 4300F **ADDRESS** 603-648-2124 PHONE NO **EMERGENCY TEL #** CHEMTREC 800-424-9300 **SECTION 2 - Hazards Identification** Precautionary Statement. Category 5 WARNING Skin: May cause mild skin irritation. 2A Eye: Causes serious eye irritation. Oral: Harmful if swallowed and enters airways. 2 EFFECTS OF CRONIC EXPOSURE TO PRODUCT None known. **SECTION 3 - Product & Hazardous Ingredients Information HAZARDOUS INGREDIENTS** LD50 LC50 **CAS NUMBER** W/W % Permissible Exposure Limit Water 7732-18-5 70-80 Not listed 42.6 gm/kg N/A Aluminum Sulfate 10043-01-3 20-30 Not listed 2000 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. 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** IF YES UNDER WHAT CONDITIONS Flamability YES NO MEANS OF EXTINGUISHING As needed to extinguish adjacent fire source. FLASH POINT (C/F) AND METHOD 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 susceptable Not susceptable **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.

# T2 Automatic X-Ray Fixers Concentrate, Part B

		SEC	CTION 8	- Exposure Controls			
VENTILLATION Good general ventillation SKIN Latex or nitrile Eye OTHER Eye wash station				E: Splash goggles RESPIRATORY		Not normally required	
		SECTION	9 - Phys	ical & Chemical Propertie	es		
PHYSICAL STATE  VAPOR PRESSURE (mm	Liquid n-Hg)	ODOR & APPEARANCE Odorless, white or cr  VAPOR DENSITY (Air=		ite solution  EVAPORATION RATE (Water=1) BOILING POINT		ODOR THRESHOLD  Not available  FREEZING POINT	
<17 mm Hg     0.6 mm Hg       pH     SPECIFIC GRAVITY       3.5 (1% Solution)     1.33			<u> </u>	Not Available solubility in water Complete	> 212 F  COEFF WATER/OIL  N/A	< 32 F  %VOLATOILE (BY VOLUME)  70% as water	
		SECTIO	N 10 - Si	tability & Reactivity Data	1		
CHEMICAL STABILITY	YES X			'HAT CONDITIONS			
INCOMPATABLE WITH	OTHER SUBSTANCES YES X		WHICH O pitates all				
REACTIVITY AND UND	DER WHAT CONDITION	s Stable	under a	mbient pressure and temp	erature		
HAZARDOUS DECOM	POSITION PRODUCTS	At ele	evated te	mperatures sulfur oxides r	may be formed	l.	
				oxicological In formation	,	1	
EXPOSURE LI	MITS	IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT		CARCINOGENICITY	
Aluminum sulfate 2 mg/M3 Skin: Irritant				None known		No Carcinogenic Chemicals in this Product	
TERATOGENICITY REPRODUCTIVE TOXICITY				MUTAGENICITY		SYNERGISTIC PRODUCTS	
None Known Not Known				None know	None known		
		SECTION	ON 12 -	Ecological Information			
SECTION 13 - Disposal Considerations  Dispose of this product in accordance with federal, state and/or local laws.							
		SECTION	N 14 - Tr	ansportation Information			
Aluminum sulless than 5000		N 3082, PG III for qua	antities g	reater than 5000 lb. Not a	pplicable for o	quantities	
		SECTIO	ON 15 -	Regulatory Information			
No Data Avail	lable						
		SFC	TION 16	5 - Other Information			
The information	n contained in t			arranty of any kind. The use	or chauld consid	dor 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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# SAFETY DATA SHEET

#### **SECTION 1 - General Information** PRODUCT NAME T2 Automatic X-Ray Fixers, Working Solution Photographic Solution Health 1 Flamability **0** Reactivity 0 C HMIS SCALE: PRODUCT USE White Mountain Imaging SUPPLIER CATALOG #: PO Box 216 Salisbury, NH 03268 ADDRESS 3303, 4010F, 4010FP, 4300F 603-648-2124 **EMERGENCY TEL #** CHEMTREC 800-424-9300 PHONE NO

#### **SECTION 2 - Hazards Identification**

Precautionary Statement. **Category** 

Skin: May cause mild skin irritation and or reaction. 5 2A Eye: May cause burning or irritation of eyes and mucous membranes. 3 Oral: May be harmful if swallowed or inhaled

WARNING

EFFECTS OF CRONIC EXPOSURE TO PRODUCT

None known.

SECTION 3 - Product & Hazardous Ingredients Information						
HAZARDOUS INGREDIENTS   CAS NUMBER   W/W %   Permissible Exposure Limit   LD50   LC50						
Water Ammonium Thiosulfate Sodium Sulfite Aluminum sulfate	7732-18-5 7783-18-8 7757-83-7 10043-01-3	90-95 8-12 <2 <2	Not listed Not listed Not listed ACGIH TWA 2mg/m3	42.6 gm/kg 2890 mg/kg 2825 mg/kg 2000 mg/kg	N/A N/A N/A N/A	

# **SECTION 4 - First Aid Measures**

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.

DO NOT induce vomiting. Seek medical attention immediately.

INHALATION

If inhaled, remove to fresh air

ii iiiialed, femove to fresii aii.							
	SECTION 5 - Fire	Fighting Measures					
Flamability YES NO X IF YES UNDER WHAT CONDITIONS							
MEANS OF EXTINGUISHING As needed to extinguish adjacent fire source.							
FLASH POINT (C/F) AND METHOD UPPER LIMIT (% BY VOLUME) LOWER LIMIT (% BY VOLUME) AUTOIGNITION TEMPERATURE (C/F)  Not appropriate Not appropriate Not appropriate							
HAZARDOUS COMBUSTION PRODUCTS "See Hazardous Decomposition	sensitivity to static discharge Not susceptable						
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	B - Exposure Controls					
VENTILLATION		al ventillation	:: Splash goggles					
SKIN	Latex or nitri	RESPIRATORY	Not normally required					
OTHER	,							
		SECTION 9 - Phy	sical & Chemical Propertion	es				
PHYSICAL STATE	odor threshold Not available							
	APOR PRESSURE (mm-Hg) VAPOR DENSITY (Air=1) EVAPORATION RATE (Water=1) BOILING POINT <17 mm Hg 0.6 mm Hg Not Available > 212 F							
рН 4.3	0	SPECIFIC GRAVITY  1.085	solubility in water  Complete	COEFF WATER/OIL N/A	%VOLATOILE (BY VOLUME) 80-90% as water			
		SECTION 10 - S	Stability & Reactivity Data	·				
CHEMICAL STABILITY	YES X		WHAT CONDITIONS					
INCOMPATABLE WITH	INCOMPATABLE WITH OTHER SUBSTANCES  YES X NO Strong reducing agents & Strong bases.							
REACTIVITY AND UNI	DER WHAT CONDITION	Stable under	ambient pressure and temp	perature				
HAZARDOUS DECOM	POSITION PRODUCTS	Sulfur dioxid	de & ammonia					
		SECTION 11 - 1	Toxicological In formation					
EXPOSURE L	IMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT		CARCINOGENICITY			
None known Sk		Skin: Irritant	None known		Not listed by IARC, OSHA, or ACGIH			
TERATOGENICITY		REPRODUCTIVE TOXICITY	MUTAGENICITY		SYNERGISTIC PRODUCTS			
None Known Not Known			None know	None known				
		SECTION 12	- Ecological Information					
No Data Avai	lable	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 Section SARA Section	304, CERCLA 302,304,313 F	RQ) for Ammonium Thiosulfa Hazardous components - An Hazardous components (Non der Canadian WHMIS regula	nmonium Thiosulfate ne)					
		SECTION 1	6 - 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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603-648-2124

PHONE NO

# **SAFETY DATA SHEET**

#### **SECTION 1 - General Information** PRODUCT NAME T2 Automatic X-Ray Fixers Concentrate, Part A Photographic Solution Health 1 Flamability **0** Reactivity 0 PPE C PRODUCT USE **HMIS SCALE:** White Mountain Imaging SUPPLIER CATALOG #: PO Box 216 Salisbury, NH 03268 ADDRESS 3303, 4010F, 4010FP, 4300F 603-648-2124 CHEMTREC 800-424-9300 **EMERGENCY TEL #** PHONE NO

### **SECTION 2 - Hazards Identification**

Precautionary Statement. **Category** 5 Skin: May cause mild skin irritation and or reaction. 2A Eye: May cause burning or irritation of eyes and mucous membranes. 3 Oral: May be harmful if swallowed or inhaled

WARNING

EFFECTS OF CRONIC EXPOSURE TO PRODUCT

None known.

## **SECTION 3 - Product & Hazardous Ingredients Information**

HAZARDOUS INGREDIENTS	CAS #	W/W %	Permissible Exposure Limit	LD50	LC50
Water	7732-18-5	40-60	Not listed	42.6 gm/kg	N/A
Ammonium Thiosulfate	7783-18-8	30-40	Not listed	2890 mg/kg	N/A
Sodium Sulfite	7757-83-7	5-10	Not listed	2825 mg/kg	N/A
Acetic Acid	64-19-7	1.3	OSHA TWA 10 ppm	3310 mg/kg	5610-1h

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None known.

### **SECTION 4 - First Aid Measures**

SKIN CONTACT

Wash exposed skin thoroughly with soap and water. If irritation persists seek medical advice.

Flush eyes with water for 15 minutes. Seek medical advice if symptoms persist.

DO NOT induce vomiting. Seek medical attention immediately.

INHALATION

#### If inhaled, remove to fresh air. **SECTION 5 - Fire Fighting Measures** IF YES UNDER WHAT CONDITIONS Flamability YES NO MEANS OF EXTINGUISHING As needed to extinguish adjacent fire source. FLASH POINT (C/F) AND METHOD 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 susceptable Not susceptable **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.

## T2 Automatic X-Ray Fixers Concentrate, Part A

12 Automatic		SECTION 6						
		SECTION 8	3 - Exposure Controls					
VENTILLATION	8 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3							
SKIN	Latex or nitri		Not normally required					
OTHER Eye wash station								
		SECTION 9 - Phys	sical & Chemical Propertie	S				
PHYSICAL STATE	ODOR & APPEARANCE Liquid Clear, colorless with slight vinegar odor.							
VAPOR PRESSURE (mm <17 m	0	VAPOR DENSITY (Air=1)  0.6 mm Hg	EVAPORATION RATE (Water=1)  Not Available	BOILING POINT > 212 F	FREEZING POINT < 32 F			
рН 5.20	)	SPECIFIC GRAVITY 1.32	solubility in water Complete	COEFF WATER/OIL N/A	%VOLATOILE (BY VOLUME) 50% as water			
		SECTION 10 - S	tability & Reactivity Data	<u>'</u>				
CHEMICAL STABILITY			WHAT CONDITIONS					
	YES X	NO NO	WINT CONDITIONS					
INCOMPATABLE WITH	OTHER SUBSTANCES YES X	IF YES, WHICH O	ONES? ng agents & Strong bases.					
REACTIVITY AND UND	ER WHAT CONDITION	Stable under a	ambient pressure and temp	erature				
HAZARDOUS DECOME	POSITION PRODUCTS		de & ammonia					
			oxicological In formation		1			
EXPOSURE LIN	MITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRO	DUCT	CARCINOGENICITY			
Acetic acid 1		Skin: Irritant	None known		Not listed by IARC,			
	о ррш	Jan. Illiani	None know		OSHA, or ACGIH			
TERATOGENIO		REPRODUCTIVE TOXICITY	MUTAGENICITY		SYNERGISTIC PRODUCTS			
None Kno	own	Not Known	None knowr	None known				
		SECTION 12 -	Ecological Information					
No Data Avail	able							
		SECTION 13 -	Disposal Considerations					
Dispose of this	nroduct in ac		•					
Dispose of this product in accordance with federal, state and/or local laws.								
SECTION 14 - Transportation Information								
Not regulated for transportation.								
O	,							
SECTION 15 - Regulatory Information								
SARA: Reportable quantity (RQ) for Ammonium Thiosulfate 5000 lb, Acetic acid 500 lb.								
SARA Section 304, CERCLA Hazardous components - Ammonium Thiosulfate								
SARA Section 302,304,313 Hazardous components (None)								
Not a controlle	ed product und	der Canadian WHMIS regulat						
		SECTION 1	6 - 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.

> PHONE NO White Mountain Imaging 603-648-2124 July 28, 2015 3303, 4010F, 4010FP, 4300F Page 2/2

PREPARED BY