

# SAFETY DATA SHEET

## SECTION 1 - General Information

PRODUCT NAME	<b>MF II Automatic X-Ray Fixer, Working Solution</b>								
PRODUCT USE	Photographic Solution	HMIS SCALE: Health	1	Flamability	0	Reactivity	0	PPE	C
SUPPLIER	White Mountain Imaging			CATALOG #:					
ADDRESS	PO Box 216 Salisbury, NH 03268			44-640, 42-798-300					
PHONE NO	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300						

## SECTION 2 - Hazards Identification

### Precautionary Statement.

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

### Category

5  
2A  
3

### 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	7732-18-5	90-95	Not listed	42.6 gm/kg	N/A
Ammonium Thiosulfate	7783-18-8	8-12	Not listed	2890 mg/kg	N/A
Sodium Sulfite	7757-83-7	<2	Not listed	2825 mg/kg	N/A
Aluminum sulfate	10043-01-3	<2	ACGIH TWA 2mg/m <sup>3</sup>	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.

### 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) 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 susceptible	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.

## T2 Automatic X-Ray Fixers, Working Solution

### SECTION 8 - Exposure Controls

VENTILATION	Good general ventilation		
SKIN	Latex or nitrile	EYE: Splash goggles	RESPIRATORY Not normally required
OTHER	Eye wash station		

### SECTION 9 - Physical & Chemical Properties

PHYSICAL STATE	Liquid	ODOR & APPEARANCE	Clear, colorless with slight vinegar odor.		ODOR THRESHOLD	Not available			
VAPOR PRESSURE (mm-Hg)	<17 mm Hg	VAPOR DENSITY (Air=1)	0.6 mm Hg	EVAPORATION RATE (Water=1)	Not Available	BOILING POINT	> 212 F	FREEZING POINT	< 32 F
pH	4.30	SPECIFIC GRAVITY	1.085	SOLUBILITY IN WATER	Complete	COEFF WATER/OIL	N/A	%VOLATOILE (BY VOLUME)	80-90% as water

### SECTION 10 - Stability & Reactivity Data

CHEMICAL STABILITY	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IF NO, UNDER WHAT CONDITIONS	
INCOMPATIBLE WITH OTHER SUBSTANCES	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IF YES, WHICH ONES?	Strong reducing agents & Strong bases.
REACTIVITY AND UNDER WHAT CONDITIONS	Stable under ambient pressure and temperature			
HAZARDOUS DECOMPOSITION PRODUCTS	Sulfur dioxide & ammonia			

### 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 TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS
None Known	Not Known	None known	None 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.