

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - General Information

PRODUCT NAME **Fixer Regenerator Concentrate Part B**

PRODUCT USE **Photographic solution** HMIS SCALE HEALTH **0** FLAMMABILITY **0** REACTIVITY **0** PPE **C**  
SUPPLIER **White Mountain Imaging** CATALOG # **4900RX**  
ADDRESS **PO Box 216 Salisbury NH 03268**  
PHONE NO. **603-648-2124** EMERGENCY TEL # **CHEMTREC 800-424-9300**

## SECTION 2 - Product and Hazardous Ingredients Information

HAZARDOUS INGREDIENTS	CAS NUMBER	W/W %	Permissible Exposure Limit	LD50	LC50
Water	7732-18-5	70-80	not listed	42.6 gm/kg	not available
Aluminum sulfate	10043-01-3	20-30	ACGIH TWA 2mg/m3	6201 mg/kg	not available

## SECTION 3 - Hazards Identification

### EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Harmful if swallowed. May cause burning or irritation of eyes and mucous membranes. May cause mild skin irritation and or allergic reaction. Prolonged inhalation of vapors may be irritating and cause headaches.

### 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.

### 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 EXTINCTION

As needed to extinguish adjacent fire source.

FLASHPOINT (°C) AND METHOD	UPPER FLAMMABLE LIMIT (% BY VOLUME)	LOWER FLAMMABLE LIMIT (% BY VOLUME)	AUTOIGNITION TEMPERATURE (°C)
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, material 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.

**Fixer Regenerator Concentrate Part B**

**SECTION 8 - Exposure Controls**

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

**SECTION 9 - Physical and Chemical Properties**

PHYSICAL STATE Liquid	ODOR AND APPEARANCE Clear, colorless, odorless liquid			ODOR THRESHOLD Not available
VAPOUR PRESSURE (mmHg) < 17 mm Hg	VAPOUR DENSITY (Air = 1) 0.6 mm Hg	EVAPORATION RATE (Water = 1) Not available	BOILING POINT 212°F	FREEZING POINT 32°F
pH 3.50	SPECIFIC GRAVITY 1.330	SOLUBILITY IN WATER (20°C) Complete	COEFF WATER OIL Not available	PERCENT VOLATILE (BY VOLUME) 70%

**SECTION 10 - Stability and Reactivity Data**

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	IF NO, UNDER WHAT CONDITIONS Strong reducing agents,
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	IF YES, WHICH ONES?
REACTIVITY, AND UNDER WHAT CONDITIONS	Stable under ambient pressure and temperature.
HAZARDOUS DECOMPOSITION PRODUCTS	Ammonia, CO <sub>2</sub> , CO

**SECTION 11 - Toxicological Information**

EXPOSURE LIMITS ACGIH TWA 2mg/m3	IRRITANCY OF PRODUCT None known	SENSITIZATION TO PRODUCT None known	CARCINOGENICITY Not listed by IARC, OSHA or ACGIH.
TERATOGENICITY Not known	REPRODUCTIVE TOXICITY 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: Threshold planning quantity (TPQ) n/a  
 SARA: Reportable quantity (RQ) 5,000 lb  
 Not a controlled product under Canadian WHMIS regulations.

**SECTION 16 - Other Information**

The information contained in this MSDS 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.