MATERIAL SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME **T2 Automatic X-Ray Fixers Concentrate, Part A**

PRODUCT USE	Photographic fixer	**HMIS SCALE**	HEALTH	**1**	FLAMMABILITY	**0**	REACTIVITY	**0**	PPE **C**
SUPPLIER	White Mountain Imaging								
ADDRESS	PO Box 216 Salisbury NH 03268								
PHONE NO.	**603-648-2124**	EMERGENCY TEL #	**CHEMTREC 800-424-9300**						

CATALOG #
3303, 4010F, 4010FP, 4300F

SECTION 2 - Product and Hazardous Ingredients Information

HAZARDOUS INGREDIENTS	CAS NUMBER	W/W %	Permissible Exposure Limit	LD50	LC50
Water	7732-18-5	40-50	not listed	42.6 gm/kg	not available
Ammonium thiosulfate	7783-18-8	40-50	not listed	2890 mg/kg	not available
Sodium sulfite	7757-83-7	5-10	not listed	2825 mg/kg	not available
Acetic acid	64-19-7	5-10	OSHA TWA 10 ppm	3310 mg/kg	5620 -1h

SECTION 3 - Hazards Identification

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Harmful if swallowed. may cause burning or redness of eyes and mucous membranes. may cause mild skin irritation and /or allergic skin reaction. Prolonged inhalation of vapors may be irritating and may 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 [X] 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.

SECTION 8 - Exposure Controls

VENTIATION Good general ventilation.

SKIN Latex or nitrile EYE Splash goggles RESPIRATORY Not normally required

OTHER Eye wash station

SECTION 9 - Physical and Chemical Properties

PHYSICAL STATE	ODOR AND APPEARANCE			ODOR THRESHOLD
Liquid				Not available
VAPOUR PRESSURE (mmHg)	VAPOUR DENSITY (Air = 1)	EVAPORATION RATE (Water = 1)	BOILING POINT	FREEZING POINT
< 17 mm Hg	0.6 mm Hg	Not available	> 212°F	< 32°F
pH	SPECIFIC GRAVITY	SOLUBILITY IN WATER (20ºC)	COEFF WATER OIL	PERCENT VOLATILE (BY VOLUME)
5.20	1.320	Complete	Not available	50%

SECTION 10 - Stability and Reactivity Data

CHEMICAL STABILITY YES [ ] NO [X] IF NO, UNDER WHAT CONDITIONS Strong reducing agents, strong bases

INCOMPATIBILITY WITH OTHER SUBSTANCES YES [X] NO [ ] IF YES, WHICH ONES?

REACTIVITY, AND UNDER WHAT CONDITIONS Stable under ambient pressure and temperature.

HAZARDOUS DECOMPOSITION PRODUCTS Ammonia

SECTION 11 - Toxicological Information

EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
Acetic acid: PEL 2.0 mg/m3	None known	None known	Not listed by IARC, OSHA or ACGIH.
TERATOGENICITY	**REPRODUCTIVE TOXICITY**	**MUTAGENICITY**	**SYNERGISTIC PRODUCTS**
Not 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 under UN, (DOT) IATA and IMDG

SECTION 15 - Regulatory Information

SARA: Reportable quantity (RQ) Ammonium Thiosulfate 5000 lb, Acetic acid 500lb
SARA Section 304, CERCLA Hazardous components - Ammonium Thiosulfate
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 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.