

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - General Information

PRODUCT NAME **T2 Automatic X-Ray Developers Concentrate, Part 2**

|             |                                 |                 |                              |   |                     |              |
|-------------|---------------------------------|-----------------|------------------------------|---|---------------------|--------------|
| PRODUCT USE | Photographic solution           | HMIS SCALE      | HEALTH <b>1</b>              | FLAMMABILITY <b>0</b>   | REACTIVITY <b>0</b> | PPE <b>C</b> |
| SUPPLIER    | White Mountain Imaging          | CATALOG #       |                              | 4010D, 4010D-ADM, 4010D-AG, 4010D-DP, 4010D-EV, 4010D-EX, 4010D-LA, 4010D-MR, 4010D-MV, 4010D-UM, 4200D, 4200D-LA |                     |              |
| ADDRESS     | P.O. Box 216 Salisbury NH 03268 |                 |                              |   |                     |              |
| PHONE NO.   | <b>603-648-2124</b>             | EMERGENCY TEL # | <b>CHEMTREC 800-424-9300</b> |   |                     |              |

## SECTION 2 - Product and Hazardous Ingredients Information

| HAZARDOUS INGREDIENTS        | CAS NUMBER | W/W % | Permissible Exposure Limit | LD50          | LC50          |
|------------------------------|------------|-------|----------------------------|---------------|---------------|
| Water                        | 7732-18-5  | 60-75 | not listed                 | Not available | Not available |
| Gluteraldehyde bis-bisulfite | 7420-89-5  | 20-40 | not listed                 | not available | not available |

## SECTION 3 - Hazards Identification

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Harmful if swallowed.

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 EXTINGUISHION

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                     | 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 splash goggles, impervious gloves and apron.

## 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<br>Liquid             | ODOR AND APPEARANCE<br>Clear, off-white to pale yellow liquid |   |                                  | ODOR THRESHOLD<br>Not available               |
| VAPOUR PRESSURE (mmHg)<br>< 17 mm Hg | VAPOUR DENSITY (Air = 1)<br>0.6 mm Hg                         | EVAPORATION RATE (Water = 1)<br>Not available | BOILING POINT<br>> 212°F         | FREEZING POINT<br>< 32°F                      |
| pH<br>2.90                           | SPECIFIC GRAVITY<br>1.075                                     | SOLUBILITY IN WATER (20°C)<br>Complete        | COEFF WATER OIL<br>Not available | PERCENT VOLATILE (BY VOLUME)<br>Not available |

**SECTION 10 - Stability and Reactivity Data**CHEMICAL STABILITY YES  NO  IF NO, UNDER WHAT CONDITIONS  
Strong reducing agents and strong basesINCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES?  
YES  NO REACTIVITY, AND UNDER WHAT CONDITIONS  
Stable under ambient pressure and temperature.HAZARDOUS DECOMPOSITION PRODUCTS  
None**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

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 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 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.