

MATERIAL SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME **T2 Automatic X-Ray Developers, Working Solution**

PRODUCT USE **Photographic developer** HMIS SCALE HEALTH **1** FLAMMABILITY **0** REACTIVITY **0** PPE **C**
SUPPLIER **White Mountain Imaging** CATALOG # **4010D, 4010D-ADM, 4010D-AG, 4010D-DP, 4010D-EX, 4010D-LA, 4010D-MR, 4010D-MV, 4010D-UM, 4200D,**
ADDRESS **P.O. 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	85-95	not listed	Not	Not available
Sodium metabisulfite	7681-57-4	<3	NIOSH TWA 5 mg/m3	2000 mg/kg	not available
Hydroquinone	123-31-9	<2	OSHA TWA 2 mg/m3	320 mg/kg	not available
Potassium hydroxide	1310-58-3	<2	NIOSH (C) 2 mg/m3	365 mg/kg	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 EXTINCTION

As needed to extinguish adjacent fire source.

FLASHPOINT (°C) AND METHOD **Not appropriate** UPPER FLAMMABLE LIMIT (% BY VOLUME) **Not appropriate** LOWER FLAMMABLE LIMIT (% BY VOLUME) **Not appropriate** AUTOIGNITION TEMPERATURE (°C) **Not appropriate**

HAZARDOUS COMBUSTION PRODUCTS **See "Hazardous Decomposition Products".** EXPLOSION DATA **Not susceptible** SENSITIVITY TO IMPACT **Not susceptible** SENSITIVITY TO STATIC DISCHARGE **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.

T2 Automatic X-Ray Developers, Working Solution

SECTION 8 - Exposure Controls

VENTILATION Good general ventilation.

SKIN Latex or nitrile

EYE Splash goggles

RESPIRATORY

OTHER Eye wash station

SECTION 9 - Physical and Chemical Properties

PHYSICAL STATE	ODOR AND APPEARANCE			ODOR THRESHOLD
Liquid	Pale yellow liquid			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 10.50	SPECIFIC GRAVITY 1.080	SOLUBILITY IN WATER (20°C) Complete	COEFF WATER OIL Not available	PERCENT VOLATILE (BY VOLUME) Not available

SECTION 10 - Stability and Reactivity Data

CHEMICAL STABILITY YES NO IF NO, UNDER WHAT CONDITIONS
Strong oxidizers and strong acids

INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES?
YES NO

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

HAZARDOUS DECOMPOSITION PRODUCTS
Sulfur dioxide

SECTION 11 - Toxicological Information

EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
Hydroquinone 2.0 mg/m ³ Potassium hydroxide 2.0	Skin: Irritant	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

SECTION 15 - Regulatory Information

SARA: Reportable quantity (RQ) for Hydroquinone 5000 lb, Potassium hydroxide 1000 lb
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.