

SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME	T2 Automatic X-Ray Developers, Part 1								
PRODUCT USE	Photographic Solution	HMIS SCALE: Health	1	Flamability	0	Reactivity	0	PPE	C
SUPPLIER	White Mountain Imaging			CATALOG #:		4010D, 4010D-ADM, 4010D-AG			
ADDRESS	PO Box 216 Salisbury, NH 03268			4010D-EX, 4200D-LA, 4010D-MR		4200D			
PHONE NO	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300						

SECTION 2 - Hazards Identification

Precautionary Statement.	Category
Oral: Harmful if swallowed	5
Skin: May cause mild skin irritation and/or allergic reaction.	1B
Eye: May cause eye irritation	2B

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	60-70	Not listed	42.6gm/kg	N/A
Sodium metabisulfite	7681-57-4	5-10	NOIOSH TWA 5 mg/m3	2000 mg/kg	N/A
Hydroquinone	123-31-9	5-10	OSHA TWA 2 mg/m3	375 mg/kg	N/A
Potassium hydroxide	1310-58-3	2-6	NIOSH © 2mg/m3	365 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

Not appropriate

UPPER LIMIT (% BY VOLUME)

Not appropriate

LOWER LIMIT (% BY VOLUME)

Not appropriate

AUTOIGNITION TEMPERATURE (C/F)

Not appropriate

HAZARDOUS COMBUSTION PRODUCTS

"See Hazardous Decomposition Products"

EXPLOSION DATA 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 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 Developers, Part 1**SECTION 8 - Exposure Controls**

VENTILLATION	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	ODOR & APPEARANCE			ODOR THRESHOLD
Liquid	Light yellow, odorless solution.			Not available
VAPOR PRESSURE (mm-Hg)	VAPOR 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	COEFF WATER/OIL	%VOLATOILE (BY VOLUME)
10.50	1.27	Complete	N/A	80-90% as water

SECTION 10 - Stability & Reactivity Data

CHEMICAL STABILITY	IF NO, UNDER WHAT CONDITIONS	
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
INCOMPATIBLE WITH OTHER SUBSTANCES	IF YES, WHICH ONES?	
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Strong oxidizing agent and strong acids.	
REACTIVITY AND UNDER WHAT CONDITIONS	Stable under ambient pressure and temperature	
HAZARDOUS DECOMPOSITION PRODUCTS	None	

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 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 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.

SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME	T2 Automatic X-Ray Developers, Part 2								
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		4010D, 4010D-ADM, 4010D-AG						
PHONE NO	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300			4010D-EX, 4200D-LA, 4010D-MR 4200D			

SECTION 2 - Hazards Identification

Precautionary Statement.

Oral: Harmful if swallowed

Skin: May cause mild skin irritation and/or allergic reaction.

Eye: causes serious eye irritation

Category

5

1B

2A

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	60-70	Not listed	42.6gm/kg	N/A
Gluteraldehyde bis-bisulfite	7420-89-5	20-40	Not listed	N/A	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

Not appropriate

UPPER LIMIT (% BY VOLUME)

Not appropriate

LOWER LIMIT (% BY VOLUME)

Not appropriate

AUTOIGNITION TEMPERATURE (C/F)

Not appropriate

HAZARDOUS COMBUSTION PRODUCTS

"See Hazardous Decomposition Products"

EXPLOSION DATA 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 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 Developers, Part2**SECTION 8 - Exposure Controls**

VENTILLATION 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 Light yellow, odorless solution.			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 2.90	SPECIFIC GRAVITY 1.075	SOLUBILITY IN WATER Complete	COEFF WATER/OIL N/A	%VOLATOILE (BY VOLUME) 80-90% as water

SECTION 10 - Stability & Reactivity Data

CHEMICAL STABILITY YES NO IF NO, UNDER WHAT CONDITIONS
 INCOMPATIBLE WITH OTHER SUBSTANCES YES NO IF YES, WHICH ONES?
 Strong oxidizing agent and strong acids.
 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 None Known	REPRODUCTIVE TOXICITY Not Known	MUTAGENICITY None known	SYNERGISTIC PRODUCTS 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 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

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SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME	T2 Automatic X-Ray Developers, Working Solution								
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			4010D, 4010D-ADM, 4010D-AG					
PHONE NO	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300		4010D-EX, 4200D-LA, 4010D-MR 4200D				

SECTION 2 - Hazards Identification

Precautionary Statement.	Category	
Oral: Harmful if swallowed	5	WARNING
Skin: May cause mild skin irritation or reaction.	5	
Eye: May cause eye irritation	2B	

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	75-85	Not listed	42.6gm/kg	N/A
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Hydroquinone	123-31-9	< 2	OSHA TWA 2 mg/m3	375 mg/kg	N/A
Potassium hydroxide	1310-58-3	< 2	NIOSH © 2mg/m3	365 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

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 Developers, 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	ODOR & APPEARANCE			ODOR THRESHOLD
Liquid	Light yellow, odorless solution.			Not available
VAPOR PRESSURE (mm-Hg)	VAPOR DENSITY (Air=1)	EVAPORATION RATE (Water=1)	BOILING POINT	FREEZING POINT
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pH	SPECIFIC GRAVITY	SOLUBILITY IN WATER	COEFF WATER/OIL	%VOLATILE (BY VOLUME)
10.50	1.08	Complete	N/A	80-90% as water

SECTION 10 - Stability & Reactivity Data

CHEMICAL STABILITY	IF NO, UNDER WHAT CONDITIONS			
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>			
INCOMPATIBLE WITH OTHER SUBSTANCES	IF YES, WHICH ONES?			
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Strong oxidizing agent and strong acids.		
REACTIVITY AND UNDER WHAT CONDITIONS	Stable under ambient pressure and temperature			
HAZARDOUS DECOMPOSITION PRODUCTS	None			

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
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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
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