# **MATERIAL SAFETY DATA SHEET**

#### **SECTION 1 - General Information**

PRODUCT NAMI

### RP-3 Automatic x-ray Developers Concentrate, Part C

SECTION 3 - Hazards Identification  SECTION 4 - First Aid Measures  SECTION 5 - First Aid Measures  SECTION 5 - First Fighting Measures  SEC								
White Mountain Imaging  ADDRESS P.O. Box 216 Salisbury NH 03268  PHONE NO 603-648-2124 EMERCENCYTEL? CHEMTREC 800-424-9300  SECTION 2 - Product and Hazardous Ingredients Information  HAZARDOUS INGREDIENTS CAS NUMBER W/W % Permissible Exposure Limit ID50 LC50  Moter 7732-18-5 60-75 not listed Not available Not	PRODUCT USE	Photographic solution						
PLON BOX 216 Salisbury NH 03268  PRION NO. 603-648-2124 MARKENCYTEJ 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 60-75 not listed Not Not available onto available in not available	SUPPLIER	White Mountain Imaging				RP3		
SECTION 2 - Product and Hazardous Ingredients Information  HAZARDOUS INGREDIENTS  CAS NUMBER W/W % Permissible Exposure Limit LD50 LC50 Water 7732-18-5 G0-75 not listed Not available n	ADDRESS	P.O. Box 216 Salisbury NH 0	3268					
HAZARDOUS INGREDIENTS  CAS NUMBER W/W % Permissible Exposure Limit LD50 LC50  Water 7732-18-5 60-75 not listed 0.2 ppm OSHA PEL not available	PHONE NO.	603-648-2124 EMERGENCY TEL #	CHEMTREC 800	)-424-9300	<u> </u>			
SECTION 3 - Hazards Identification  SECTION 3 - Hazards Identification  SECTION 4 - First Aid Measures  SECTION 4 - First Aid Measures  SECTION 4 - First Aid Measures  SECTION 5 - Fire Fighting Measures  FLANMARBLEIMT VIS.   No.   If YIS, UNDER VEHAT CONDITIONS  MEANS OF EXTINCTION  As needed to extinguish adjacent fire source.  FLASHPOINT CO AND METHOD UPPER FLAMMABLE LIMIT CV. BY VOLUME Not appropriate Not appropriate Not appropriate Not appropriate See "Hazardous Decomposition Products". Not susceptible Not susceptible  SECTION 1 - GO. 2, ppm OSHA PEL Not available n		SECTION 2 - Proc	duct and Ha	zardous	Ingredients Info	rmation		
SECTION 3 - Hazards Identification  SECTION 4 - First Aid Measures  SECTION 5 - First Aid Measures  SECTION 5 - First Fighting Measures  SEC	Н	IAZARDOUS INGREDIENTS	CAS NUMBER	W/W %	Permissible Exposure Limit	LD50	LC50	
SECTION 3 - Hazards Identification  BEFFECTS OF ACUITE EXPOSURE TO PRODUCT  Harmful if swallowed. May cause burns and irritation of eye and mucous membranes. May cause skin irritation and or allergic reaction. Prolonged inhalation of vapors may be irritating and cause headaches.  BEFFECTS OF CHRONIC EXPOSURE TO PRODUCT  None known  SECTION 4 - First Aid Measures  SININ CONTACT  Wash exposed skin thoroughly with soap and water. If irritation persists seek medical advice.  EVECONTACT  Flush eyes with water for 15 minutes. Seek medical advice if symptoms persist.  INCRESSION  DO NOT induce vomiting. Seek medical attention immediately.  NINHALATION  If inhaled, remove to fresh air.  SECTION 5 - Fire Fighting Measures  FLAMMABBILITY  YES NO NET INCRESSION  As needed to extinguish adjacent fire source.  FLASHPOINT #CLAND METHOD  Not appropriate  Not appropriate  Not appropriate  Not appropriate  Not appropriate  Not susceptible  Not susceptible  Not susceptible	Water		7732-18-5	60-75	not listed	Not	Not availabl	
EFFECTS OF ACUTE EXPOSURE TO PRODUCT Harmful if swallowed. May cause burns and irritation of eye and mucous membranes. May cause 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. INCESTION 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 (**K, BY VOLUME) Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO STATIC DISCHARGE Not susceptible	Gluteraldehyde bis-bisulfite		7420-89-5	20-40	0.2 ppm OSHA PEL	not available	not available	
EFFECTS OF ACUTE EXPOSURE TO PRODUCT Harmful if swallowed. May cause burns and irritation of eye and mucous membranes. May cause 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. INCESTION 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 (**K, BY VOLUME) Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO STATIC DISCHARGE Not susceptible								
EFFECTS OF ACUTE EXPOSURE TO PRODUCT Harmful if swallowed. May cause burns and irritation of eye and mucous membranes. May cause 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. INCESTION 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 (**K, BY VOLUME) Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO STATIC DISCHARGE Not susceptible								
EFFECTS OF ACUTE EXPOSURE TO PRODUCT Harmful if swallowed. May cause burns and irritation of eye and mucous membranes. May cause 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. INCESTION 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 (**K, BY VOLUME) Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO STATIC DISCHARGE Not susceptible								
EFFECTS OF ACUTE EXPOSURE TO PRODUCT Harmful if swallowed. May cause burns and irritation of eye and mucous membranes. May cause 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. INCESTION 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 (**K, BY VOLUME) Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO STATIC DISCHARGE Not susceptible								
EFFECTS OF ACUTE EXPOSURE TO PRODUCT Harmful if swallowed. May cause burns and irritation of eye and mucous membranes. May cause 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. INCESTION 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 (**K, BY VOLUME) Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate Not appropriate SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO IMPACT SENSITIVITY TO STATIC DISCHARGE Not susceptible		SEC	ΓΙΟΝ 3 - Ha	zards Id	lentification			
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  Not appropriate  Not susceptible  Not susceptible  Not susceptible	EFFECTS OF CHI	RONIC EXPOSURE TO PRODUCT WN	,					
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) NOT appropriate  Not appropriate  Not appropriate  Not appropriate  Not appropriate  Not appropriate  Not susceptible  Not susceptible		SE	CTION 4 - F	irst Aid	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	Wash experience contact  Flush eyes ingestion DO NOT inhalation	with water for 15 minutes. Seek induce vomiting. Seek medical at	medical advice if	symptoms				
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		SECTI	ON 5 - Fire	Fighting	Measures			
As needed to extinguish adjacent fire source.  FLASHPOINT (°C) AND METHOD UPPER FLAMMABLE LIMIT (% BY VOLUME)  Not appropriate  Not appropriate  Not appropriate  HAZARDOUS COMBUSTION PRODUCTS  See "Hazardous Decomposition Products".  Not susceptible  Not susceptible  AUTOIGNITION TEMPERATURE (°C)  Not appropriate  Not appropriate  EXPLOSION DATA SENSITIVITY TO IMPACT  Not susceptible  Not susceptible	FLAMMABILITY	JE VES LINDER WHAT						
Not appropriate  EXPLOSION DATA SENSITIVITY TO IMPACT SENSITIVITY TO STATIC DISCHARGE  Not susceptible  Not susceptible			e.					
HAZARDOUS COMBUSTION PRODUCTS  See "Hazardous Decomposition Products".  EXPLOSION DATA SENSITIVITY TO IMPACT SENSITIVITY TO STATIC DISCHARGE  Not susceptible  Not susceptible					,			
See "Hazardous Decomposition Products". Not susceptible Not susceptible								
CECTION C. A. CL. C. I.D. I.								
SECTION 6 - Accidental Release		SECT	TION 6 - Acc	cidental	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** Good general ventilation. VENTIATION Nitrile gloves **EYE** Splash goggles RESPIRATORY Not normally required SKIN OTHER Eye wash station **SECTION 9 - Physical and Chemical Properties** ODOR THRESHOLD PHYSICAL STATE Pale yellow liquid with slight odor Liquid Not available VAPOUR DENSITY (Air = 1) EVAPORATION RATE (Water = 1) VAPOUR PRESSURE (mmHg) **BOILING POINT** FREEZING POINT < 32°F < 17 mm Hg 0.6 mm Hg Not available > 212°F PERCENT VOLATILE (BY VOLUME) SPECIFIC GRAVITY SOLUBILITY IN WATER (20°C) COEFF WATER OIL 2.45 1.155 Complete Not available Not available **SECTION 10 - Stability and Reactivity Data** IF NO, UNDER WHAT CONDITIONS CHEMICAL STABILITY YES NO INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES? NO Strong reducing agents and strong bases YES REACTIVITY, AND UNDER WHAT CONDITIONS Stable under ambient pressure and temperature. HAZARDOUS DECOMPOSITION PRODUCTS None **SECTION 11 - Toxicological Information** IRRITANCY OF PRODUCT **EXPOSURE LIMITS** SENSITIZATION TO PRODUCT CARCINOGENICITY Eye: Irritant None known None known Not listed by IARC, Skin: Irritant OSHA or ACGIH. TERATOGENICITY MUTAGENICITY SYNERGISTIC PRODUCTS REPRODUCTIVE TOXICITY 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 by DOT and TDG **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.

PREPARED BY EssentialEHS Inc.

PHONE NUMBER 905-799-3805

December 5, 2011