

# SAFETY DATA SHEET

## SECTION 1 - General Information

PRODUCT NAME	<b>HIC-ES, ECO-PLUS X-Ray Developers, Part 2</b>								
PRODUCT USE	Photographic Solution	HMIS SCALE: Health	1	Flamability	0	Reactivity	0	PPE	C
SUPPLIER	White Mountain Imaging	ADDRESS			PO Box 216 Salisbury, NH 03268	CATALOG #:			
PHONE NO	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300						
					44-504ES, 44-506, 4-774, 42-776				

## SECTION 2 - Hazards Identification

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

**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 <b>Liquid</b>	ODOR & APPEARANCE <b>Light yellow, odorless solution.</b>			ODOR THRESHOLD <b>Not available</b>
VAPOR PRESSURE (mm-Hg) <b>&lt;17 mm Hg</b>	VAPOR DENSITY (Air=1) <b>0.6 mm Hg</b>	EVAPORATION RATE (Water=1) <b>Not Available</b>	BOILING POINT <b>&gt; 212 F</b>	FREEZING POINT <b>&lt; 32 F</b>
pH <b>2.90</b>	SPECIFIC GRAVITY <b>1.075</b>	SOLUBILITY IN WATER <b>Complete</b>	COEFF WATER/OIL <b>N/A</b>	%VOLATILE (BY VOLUME) <b>80-90% as water</b>

**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 In formation**

EXPOSURE LIMITS <b>None known</b>	IRRITANCY OF PRODUCT <b>Skin: Irritant</b>	SENSITIZATION TO PRODUCT <b>None known</b>	CARCINOGENICITY <b>Not listed by IARC, OSHA, or ACGIH</b>
TERATOGENICITY <b>None Known</b>	REPRODUCTIVE TOXICITY <b>Not Known</b>	MUTAGENICITY <b>None known</b>	SYNERGISTIC PRODUCTS <b>None known</b>

**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 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.