

# SAFETY DATA SHEET

## SECTION 1 - General Information

PRODUCT NAME	<b>HIC-ES, ECO-PLUS X-Ray Developers, Part 1</b>								
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			44-504ES, 44-506, 4-774, 42-776					
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.

### 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 <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>10.50</b>	SPECIFIC GRAVITY <b>1.27</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 Information

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: 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.