

# SAFETY DATA SHEET

## SECTION 1 - General Information

PRODUCT NAME	<b>HR Simon Chemblend CB2, Clinic Pack, HRS Industrial &amp; HRS HA Industrial Developers Concentrate 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			HRS-S60-045, HRS-S50-095			
PHONE NO	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300	HRS-S672-020, HRS-S72-025			
				HRS-S72-020-HA, HRS-S60-050			

## SECTION 2 - Hazards Identification

### Precautionary Statement.

Oral: Harmful if swallowed

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

Eye: May cause eye irritation

### Classification

5

1B

2B

### WARNING



EFFECTS OF CRONIC EXPOSURE TO PRODUCT

None known.

## SECTION 3 - Product & Hazardous Ingredients Information

HAZARDOUS INGREDIENTS	CAS NO.	W/W %	Permissible Exposure Limit	LD50
Water	7732-18-5	60-70%	Not listed	42.6gm/kg
Sodium metabisulfite	7681-57-4	5 - 10 %	NOIOSH TWA 5 mg/m3	2000 mg/kg
Hydroquinone	123-31-9	5-10 %	OSHA TWA 2 mg/m3	375 mg/kg
Potassium hydroxide	1310-58-3	2-6 %	NIOSH © 2mg/m3	365 mg/kg

## 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**

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>10.50</b>	SPECIFIC GRAVITY <b>1.28</b>	SOLUBILITY IN WATER <b>Complete</b>	COEFF WATER/OIL <b>N/A</b>	%VOLATOILE (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.

# SAFETY DATA SHEET

## SECTION 1 - General Information

PRODUCT NAME	<b>HR Simon Chemblend CB2, Clinic Pack, HRS Industrial &amp; HRS HA Industrial Developers Concentrate Part 2</b>			
PRODUCT USE	Photographic Solution	HMIS SCALE: Health	1	Flamability 0 Reactivity 0 PPE C
SUPPLIER	White Mountain Imaging	CATALOG #:		HRS-S60-045, HRS-S50-095
ADDRESS	PO Box 216 Salisbury, NH 03268			HRS-S672-020, HRS-S72-025
PHONE NO	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300	HRS-S72-020-HA, HRS-S60-050

## SECTION 2 - Hazards Identification

Precautionary Statement.	Classification
Oral: Harmful if swallowed	4
Skin: May cause mild skin irritation and/or allergic reaction.	1B
Eye: Can cause serious eye irritation	2A



EFFECTS OF CRONIC EXPOSURE TO PRODUCT

None known.

## SECTION 3 - Product & Hazardous Ingredients Information

HAZARDOUS INGREDIENTS	CAS NO.	W/W %	Permissible Exposure Limit	LD50
Water	7732-18-5	60-70%	Not listed	42.6gm/kg
Gluteraldehyde bis-bisulfite	7420-89-5	20 - 40%	Not listed	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**

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	<b>HR Simon Chemblend CB2, Clinic Pack, HRS Industrial &amp; HRS HA Industrial Developers WORKING SOLUTION</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			HRS-S60-045, HRS-S50-095			
PHONE NO	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300	HRS-S672-020, HRS-S72-025 HRS-S72-020-HA, HRS-S60-050			

## SECTION 2 - Hazards Identification

<b>Precautionary Statement.</b>	<b>Classification</b>	
Oral: may be harmful if swallowed	5	<b>WARNING</b>
Skin: May cause mild skin irritation and/or allergic 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 NO.	W/W %	Permissible Exposure Limit	LD50
Water	7732-18-5	75-85%	Not listed	42.6gm/kg
Sodium metabisulfite	7681-57-4	< 3 %	NOIOSH TWA 5 mg/m3	2000 mg/kg
Hydroquinone	123-31-9	< 2%	OSHA TWA 2 mg/m3	375 mg/kg
Potassium hydroxide	1310-58-3	< 2%	NIOSH © 2mg/m3	365 mg/kg

## 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

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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 10.50	SPECIFIC GRAVITY 1.08	SOLUBILITY IN WATER Complete	COEFF WATER/OIL N/A	%VOLATILE (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

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