

SAFETY DATA SHEETS

This SDS packet was issued with item:

078783370

N/A

MSDS

H.R. Simon and Company, Inc. (800) 638-9460
3515 Marmenco Court
Baltimore, Maryland 21230
for chemical **Emergency: (800) 424-9300**

Section 1 Identification:

Chemical Name: Chemblend Fixer Part 1	Chemical Family: Aqueous Solution
MSDS Number: S60-042 S60-049	Date: 01/09
S60-049RW S60-081	S60-051
S60-080 S88-002	S72-0281
S92-002 S95-002	S50-165
SPRAX P-4FA	medblend 1 or A

Section 2 Composition (Ingredients required)

Name	%	CAS#	ACGIH(TLV)	OSHA(PEL)
Ammonium Thiosulfate	40-50	7783-18-8	not established	not established
Acetic Acid	<1	64-19-7	not established	not established
Sodium Sulfite	<5	7757-83-7	not established	not established

Section 3 Hazards Identification:

Danger! Contains: Sodium Bisulfite (7631-90-5)
May irritate eyes and skin.
Inhalation may irritate respiratory tract.

Section 4 First Aid Measures:

Eyes: Immediately flush eyes with water for fifteen minutes. Seek medical help.
Skin: Remove contaminated clothing. Flush skin for fifteen minutes. If symptoms persist, seek medical help.
Ingestion: Conscious subject: immediately give large amounts of water. Induce vomiting.
Unconscious person: call for medical help immediately. Do not give anything by mouth to an unconscious person
Inhalation: Remove subject to fresh air. If symptoms persist, seek medical help.

Section 5 Fire Fighting Measures:

Flash Point: none
Extinguishing Media: Use media for surrounding material
Fire Fighting Procedures: Full turnout clothing and SCBA(Self-Contained Breath Apparatus)
Unusual Fire and Explosion Hazards: None

Section 6 Accidental Release Measures:

Small spills may be mopped up. Soak spill with saw dust, sand, oil dry, or any other absorbent material. Dispose of recovered material in accordance with all federal, state and local regulations.

Section 7 Handling and Storage:

No special storage or handling needed.

Section 8 Exposure Controls:

NOISH approved respiratory for mists. No special ventilation is necessary, except in small enclosed areas where a local exhaust fan should be used. Use latex or neoprene gloves, safety glasses with side-shields or chemical goggles. Wear a chemical resistant apron.

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Section 9 Physical Chemical Properties:

Chem-Blend Fixer Part 1

Boiling Point: >212⁰F

Appearance: Pale Yellow

Specific Gravity: 1.31 @ 15.5⁰C

Solubility in Water: Complete

Odor: Ammonia Odor

pH Level: 4.9 @ 25⁰C

Section 10 Stability and Reactivity:

Chemical stability, stable. **Incompatibility:** Strong alkaline materials.

Decomposition Products: none **Hazardous Polymerization will not occur.**

Section 11 Toxicology Information:

May irritate eyes, skin and respiratory tract. May cause rash to skin. May cause allergic reactions in some people. Inhalation may cause adverse reactions in susceptible individuals, especially asthmatics.

Section 12 Ecological Information:

Small quantities diluted with water followed by a secondary waste treatment system should not cause adverse environmental effects.

Section 13 Disposal Considerations:

Dispose of recovered materials through a licensed contractor or a waste treatment system. Comply with all federal, state and local regulations.

Section 14 Transportation Information:

For transportation information for this product, please call H.R. Simon and Co., Inc. 1-800-638-9460.

Section 15 Regulatory Information:

Materials known to state of California to cause cancer: None

Materials known to state of California to cause adverse reproductive effects: None

Carcinogenicity Classification (components present at 0.1% or more):

International Agency for Research of Cancer (IARC): None

American Conference of Governmental Industrial

Hygienists (ACGIH): None

National Toxicology Program (NTP): None

Occupational Safety and Health Administration (OSHA): None

Chemicals subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None

Section 16 Other Data:

NFPA HAZARD CODES (0=LEAST; 4=MOST)

HEALTH=1

FLAMMABILITY=0

REACTIVITY=0

SPECIFIC HAZARD=0

Note: This MSDS relates only to the material herein, and does not relate in combination with any other material or process. This MSDS is based on information provided by us and is believed to be accurate, although no guarantee or warranty is provided or implied by the company in this respect. Since the use of this product in the exclusive control of the user, it is the user's responsibility to determine the conditions of safe use. Such conditions must comply with all government regulations.

SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME	HR Simon Chemblend & Industrial Fixer	Concentrate Part A
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-S60-049, HRS-S72-028
PHONE NO	603-648-2124	EMERGENCY TEL # CHEMTREC 800-424-9300
		HRS-S72-028P

SECTION 2 - Hazards Identification

Precautionary Statement.	Classification	WARNING 
Skin: May cause mild skin irritation and or reaction.	5	
Eye: May cause burning or irritation of eyes and mucous membranes.	2A	
Oral: May be harmful if swallowed or inhaled	3	
EFFECTS OF CRONIC EXPOSURE TO PRODUCT		
None known.		

SECTION 3 - Product & Hazardous Ingredients Information

HAZARDOUS INGREDIENTS	CAS #	W/W %	Permissible Exposure Limit	LD50
Water	7732-18-5	40-50	Not listed	42.6 gm/kg
Ammonium Thiosulfate	7783-18-8	30-40	Not listed	2890 mg/kg
Sodium Sulfite	7757-83-7	5-10	Not listed	2825 mg/kg
Acetic Acid	64-19-7	1 - 3%	OSHA TWA 10 ppm	3310 mg/kg

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.

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 Liquid	ODOR & APPEARANCE Clear, colorless with slight vinegar odor.			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 5.20	SPECIFIC GRAVITY 1.32	SOLUBILITY IN WATER Complete	COEFF WATER/OIL N/A	%VOLATOILE (BY VOLUME) 50% 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 reducing agents & Strong bases.
 REACTIVITY AND UNDER WHAT CONDITIONS Stable under ambient pressure and temperature
 HAZARDOUS DECOMPOSITION PRODUCTS Sulfur dioxide & ammonia

SECTION 11 - Toxicological Information

EXPOSURE LIMITS Acetic acid 10 ppm	IRRITANCY OF PRODUCT May be irritating to skin. May be irritating to eyes.	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 Ammonium Thiosulfate 5000 lb, Acetic acid 500 lb.
 SARA Section 304, CERCLA Hazardous components - Ammonium Thiosulfate
 SARA Section 302,304,313 Hazardous components (None)
 Not a controlled product under Canadian WHMIS regulation

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.