

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: Industrial Fixer Part 1
MSDS Number: S72-028, S60-080

Chemical Family: Aqueous Solution
Date: 01/2012

Section 2 Composition (Ingredients required)

Name	%	CAS#	ACGIH(TLV)	OSHA(PEL)
Ammonium Thiosulfate	40-50	7783-18-8	not established	not established
Acetic Acid	5-10	64-19-7	OSHA TWA 10 ppm	
Sodium Sulfite	5-10	7757-83-7	not established	not established
Water	40-50	7732-18-5	not established	not established

Section 3 Hazards Identification:

Contains: Sodium Sulfite (7757-83-7)
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 with water 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.

MSDS

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

Section 9 Physical Chemical Properties:

Industrial Fixer Part 1

Boiling Point: >212⁰F

Appearance: Colorless

Specific Gravity: 1.32 @ 15.5⁰C

Solubility in Water: Complete

Odor: Ammonia Odor

pH Level: 5.2 @ 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.