

# 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 2  
**MSDS Number:** S72-028, S60-080

**Chemical Family:** Aqueous Solutions  
**Date:** 01/2012

## Section 2 Composition (Ingredients required):

	%	CAS Number	ACGIH (TLV)	OSHA (PEL)
Aluminum Sulfate	40-50	10043-01-3	2mg/m <sup>3</sup>	Not Established
Water	50-60	7732-18-5	Not Established	Not Established

## Section 3 Hazards Identification:

**Contains:** Aluminum Sulfate  
**May irritate eyes or 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. Do not 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:** No special procedures  
**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 requirements.

## Section 8 Exposure Controls:

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

## Section 9 Physical Chemical Properties:

**Boiling Point:** > 212 degrees F  
**Appearance:** Colorless liquid  
**Specific Gravity:** 1.33 @ 15°C

**Solubility in Water:** Complete  
**Odor:** N/A  
**pH Level:** 3.5 @ 25°C

# MSDS

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

Industrial Fixer Part 2

## Section 10 Stability and Reactivity:

**Chemical Stability:** Stable

**Incompatibility:** Oxidizing Materials, Strong Alkaline Materials, and most metals.

**Decomposition Products:** Carbon Dioxide, Carbon Monoxide, and Oxides of Sulfur.

## Section 11 Toxicology Information:

May irritate eyes, skin and respiratory tract. May cause skin rash. 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 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 water treatment system. Comply with all Federal, State and local regulations.

## Section 14 Transportation Information:

For transportation regarding this product, contact H.R. Simon & Company, Inc. (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=2

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 is 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.