

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: Fixer Systems Cleaner
MSDS Number: S70-014

Chemical Family: Aqueous Solution
Date: 01/06

Section 2 Composition (Ingredients required)

Name	%	CAS#	ACGIH(TLV)	OSHA(PEL)
Sodium Hydroxide	-----	1310-73-2	2mg/m ³	2mg/m ³
EDTA		64-02-08		
Sodium Gluconate		527-07-1		

Section 3 Hazards Identification:

Danger! Contains: Sodium Hydroxide (1310-73-2)
Causes severe burns to eyes, skin and respiratory tract
May cause burns to mouth, throat and gastrointestinal 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 and 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: 165⁰F
Extinguishing Media: Use media for surrounding material
Fire Fighting Procedures: Full turnout clothing and SCBA(Self-Contained Breathing Apparatus)
Unusual Fire and Explosion Hazards: Use fog to cool containers.

Section 6 Accidental Release Measures:

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

Section 7 Handling and Storage:

Wear personal protective equipment when handling this material. Use latex, rubber, or neoprene gloves, safety glasses with side-shields, chemical resistant apron and respirator. No special storage problems.

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 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:

Fixer Systems Cleaner

Boiling Point: >212⁰F
Appearance: clear liquid
Specific Gravity: 1.029 @15.5⁰C

Solubility in Water: Complete
Odor: Slight Indistinguishable Odor
pH Level: Above 13 @ 25⁰C

Section 10 Stability and Reactivity:

Chemical stability, stable. **Incompatibility:** Strong acids, reducing sugars. **Decomposition Products:** Carbon Monoxide when related with reducing sugars. **Hazardous Polymerization will occur**

Section 11 Toxicology Information:

Ingestion: May result in burns to the mouth, throat and gastrointestinal tract.
Skin Contact: May cause burns and irritation to skin
Eye Contact: May cause burns and irritation to eyes.
Inhalation: 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 material in accordance with federal, state and local regulations.

Section 14 Transportation Information:

For transportation information for this product, please call H.R. Simon & Co., 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=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. Such conditions must comply with all government regulations