

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)
RUST OUT

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Rowan Chemicals, Inc	Emergency Telephone Number CHEMTREC 1-(800) 424-9300
Address (Number, Street, City, State, and ZIP Code) PO Box 124	Telephone Number for Information (718) 428-0200
Bayside, NY 11361	Date Prepared 7/10/89
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Hydroxyethanoic Acid	(10 Mg/M³ recommended)			

Section III — Physical/Chemical Characteristics

Boiling Point	212 F	Specific Gravity (H ₂ O = 1)	
Vapor Pressure (mm Hg)		Melting Point	1
Vapor Density (AIR = 1)	As Water	Evaporation Rate	N/A
Solubility in Water	N/A	(9.1 g/100 ml water at 20°C) Water = 1	1

COMPLETE

Appearance and Odor

Colorless liquid, no odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) None	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media

Use methods to fight surrounding fire

Special Fire Fighting Procedures

NONE

Unusual Fire and Explosion Hazards

NONE

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid EXTREME HEAT
	Stable	X	

Incompatibility (Materials to Avoid)
Light or reactive metals, oxidants, cyanides

Hazardous Decomposition or Byproducts
None known

Hazardous Polymerization	May Occur		Conditions to Avoid None known
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? No Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic)
EYES: Irritation and burning. SKIN: May cause reddening, irritation and burning.
INGESTION: Nausea, irritation of mucous membranes.

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure
Irritation of skin with reddening and burning of skin/eyes.

Medical Conditions
Generally Aggravated by Exposure none known

Emergency and First Aid Procedures
SKIN: Wash with soap and water. EYES: Rinse with potable water for 15 minutes or longer.
INTERNAL: Drink copious amounts of water.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
Small spills-- Mop with soap & water. Larger spills-- Absorb in inert material and sweep up for dry disposal.

Waste Disposal Method
Dispose of to landfill or sewer.

Precautions to Be Taken in Handling and Storing
Store in a cool, dry place.

Other Precautions
Keep out of the reach of children.

Section VIII — Control Measures

Respiratory Protection (Specify Type)
No

Ventilation	Local Exhaust N/A	Special N/A
	Mechanical (General) To maintain PEL level.	Other N/A

Protective Gloves
Neoprene or plastic

Eye Protection
When handling concentrate (Suggested-goggles/glasses)

Other Protective Clothing or Equipment
N/A

Work/Hygienic Practices
Wash contaminated clothing before reuse.