

# 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

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

## IDENTITY

**GB-930 (250260)**

*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 <b>Beaver Research Company</b>		Emergency Telephone Number <b>1-800-255-3924 (Chem-Tel)</b>
Address (Number, Street, City, State, and ZIP Code) <b>3700 E. Kilgore Road, Portage, MI 49002</b>		Telephone Number For Information <b>269-382-0133</b>
HMIS Ratings:	Health: 2	Date Prepared <b>05/09/97</b>
0-Least 3-High	Flammability: 0	Signature of Preparer (optional)
1-Slight 4-Extreme	Reactivity: 0	
2-Moderate	Personal Protection: X	

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Hydroxide	1310-73-2	--	2mg/m3	--	--
Silicic Acid - Sodium Salt	1344-09-8	--	2mg/m3	--	--

## Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H2O = 1)	1.076=0.005
Vapor Pressure (mm Hg)	Not determined	Melting Point	N/A
Vapor Density (AIR = 1)	Not determined	Evaporation Rate (Butyl Acetate = 1)	About the same
Solubility in Water <b>Complete</b>	pH <b>13.2 ±0.5</b>		
Appearance and Odor <b>Clear, dark green liquid with no distinct odor.</b>			

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>None to boiling (TCC)</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>Product is non-combustible. Water Spray (Fog), Dry Chemical; CO2; or Foam may be used where product is stored.</b>			
Special Fire Fighting Procedures <b>Do not enter confined fire-spaces without protective clothing and self-contained air supply.</b>			
Unusual Fire and Explosion Hazards <b>None.</b>			

## Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid <b>N/A</b>
	Stable	
Incompatibility (Materials to Avoid) <b>Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).</b>		
Hazardous Decomposition or Byproducts <b>Burning may produce carbon monoxide and/or carbon dioxide.</b>		
Hazardous Polymerization	May Occur	Conditions to Avoid <b>N/A</b>
	Will Not Occur	

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	--	Yes	--

Health Hazards (Acute and Chronic)

**Acute** -- Corrosive material. Will cause burns of skin and eyes with prolonged contact. Eye damage likely if contact is prolonged. Generated mists may be severely irritating and cause damage to respiratory tract if swallowed. Harmful or fatal if swallowed.

**Chronic** -- Repeated skin contact may result in development of a cumulative dermatitis.

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

Signs and Symptoms of Exposure

See Health Hazards.

Medical Conditions Generally Aggravated by Exposure

An existing dermatitis.

Emergency and First Aid Procedure

**Eyes:** Flush eyes with water for at least 15 minutes and call a physician immediately.

**Skin:** Wash affected areas with large amounts of soap and water. If irritation persists call physician.

**Ingestion:** Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.

**Inhalation:** Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Safely stop spill at source. Contain spill by diking with soil or other inert material and CAREFULLY neutralize with dilute acid. Mop, pump or absorb with inert material and reclaim into sound containers for proper disposal.

Waste Disposal Method

Dispose of in an approved waste facility according to Federal, State, and local regulations.

Precautions to be Taken in Handling and Storage

WARNING: Corrosive liquid. Handle all containers carefully.

Other Precautions

N/A

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

Not required under normal use conditions. Avoid misting conditions.

Ventilation	Local Exhaust	Normal	Special	N/A
	Mechanical(General)	N/A	Other	N/A

Protective Gloves

Rubber/PVC

Eye Protection

Safety glasses/goggles

Other Protective Clothing or Equipment

Work clothing covering arms and legs as required to minimize contact.

Work/Hygienic Practices

Eye bath and safety shower.

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*