

**MATERIAL SAFETY DATA SHEET**

MANUFACTURER: Manufactured for  
ROSEMOUNT ANALYTICAL INC.  
ADDRESS: 851 McKinley Avenue  
Colombus, OH 43222

DATE REVISED: 1-27-11  
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(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

**SECTION 1-Product Identification**

**Product Name:** SODIUM HYDROXIDE, Silica Monitor wash solution  
**Synonyms:** N/A  
**Part Number:** 185-3030-42

**SECTION 2-Composition/Information on Ingredients**

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	99.3	no
Sodium hydroxide	1310-73-2	0.7	yes

**SECTION 3-Hazards Identification**

Health Rating: 2  
Flammability Rating: 0  
Reactivity Rating: 1

Lab Protective Equip: gloves, safety goggles, lab coat

**SECTION 4-First Aid Measures**

INHALATION: remove to fresh air.

INGESTION: Do not induce vomiting. Drink large quantities of water or mild, if available. Call a physician.

SKIN CONTACT: Wash thoroughly with water for at least 5 minutes, call a physician.

EYE CONTACT: Immediately flush with water for at least 15 minutes, call a physician.

**SECTION 5-Fire Fighting Measures**

**Fire:** Not Combustible

**Explosion:** The solution is not combustible but will react with other chemicals (hydroxides) and even water.

**Fire Extinguishing Media:** Fight Surrounding Fire

**Special Information:** N/A

**SECTION 6-Accidental Release Measures**

Wear protective gloves, goggles and dike area, do not walk in or stand in solution. Ventilate area of spill. Absorb spills with vermiculite, dry sand, earth, or similar material. Observe all federal and state laws.

**SECTION 7-Handling and Storage**

Material must be stored and disposed of in accordance with all local, state and federal laws.

#### SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/E  
Ventilation System: Not Required  
Personal Respirators (NIOSH Approved): Not Required  
Skin Protection: Rubber Gloves, lab coat (optional)  
Eye Protection: Safety Goggles

#### SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid  
Odor: Odorless  
Solubility: miscible  
Specific Gravity: 1.027  
pH: 12  
Boiling Point: Approximately 100°C  
Melting Point: N/A  
Vapor Density (Air=1): N/A  
Vapor Pressure (mm Hg): N/E  
Evaporation Rate (BuAc=1): N/E

#### SECTION 10-Stability and Reactivity

Stability: Stable  
Hazardous Decomposition Products: none  
Hazardous Polymerization: Will not occur  
Incompatibilities: Acids, aluminum, tin, and zinc materials  
Conditions to Avoid: N/E

#### SECTION 11-Toxicological Information:

Routes of absorption: Inhalation, skin, eyes, ingestion  
Threshold limit value: Irritation skin rabbit: 50 mg/24H severe;  
Irritation eye rabbit: 50 mg/24H severe

Signs, symptoms and effects of exposure:

Acute: N/E  
Chronic: Prolonged contact can dehydrate and remove oils from skin.

#### SECTION 12-Ecological Information

Environmental Fate: N/A  
Environmental Toxicity: N/A

#### SECTION 13-Disposal Considerations

Material must be stored and disposed of in accordance with all local, state and federal laws. Neutralize solution with a weak acid and dispose as a non-hazardous waste.

#### SECTION 14-Transport Information

Reportable Quantity: 1000 pounds of Sodium Hydroxide (this solution is not applicable to a reportable quantity)

UN1824, Sodium Hydroxide Solution, 8, Corrosive, PGIII

SECTION 15-Regulatory Information

None Reported

SECTION 16-Other Information

N/A

NFPA Ratings: Health:2 Flammability:0 Reactivity:1

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