



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/17/2012

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2

PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **RCSH6255 SODIUM HYDROXIDE 1.0N**  
PRODUCT CODE: RCSH6255

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 2/2

Fire: 0/0

Reactivity: 0/0

Special/Protective Equipment: ALK/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624  
USA

Emergency Phone:  
INFOTRAC: 1-800-535-5053  
OUTSIDE US: 1-352-323-3500

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

**INGESTION:** May be fatal if swallowed. May cause burns to mucous membranes of mouth, throat, and digestive tract. Causes vomiting, nausea, and diarrhea.

**SKIN CONTACT:** Causes severe burns.

**INHALATION:** Harmful if inhaled. May cause mild respiratory irritation. Inhalation of mist may cause damage to nasal and respiratory passages.

**EYE CONTACT:** May cause irritation and redness. May Cause Eye Burns. May harm vision. May cause blindness.

**CHRONIC EFFECTS:** None known.

**EFFECTS/CARCINOGENICITY:** None listed under OSHA, IARC, or NTP.

**ROUTES OF ENTRY:** Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
SODIUM HYDROXIDE 1310-73-2	<4	Not applicable	2 mg/m <sup>3</sup>
WATER 7732-18-5	>96	Not applicable	Not applicable

### 4. FIRST AID MEASURES

**INGESTION:** Get immediate medical attention. Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**SKIN:** Remove contaminated clothing. Wash skin with water, using soap if available. Get medical attention if irritation persists.

**INHALATION:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

**EYES:** Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

**NOTES TO PHYSICIAN:** None.

**5. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT:	(F): Not determined (C): Not determined
METHOD:	TCC
FLAMMABLE LIMITS IN AIR	
LOWER (%):	NE
UPPER (%):	NE
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	As appropriate for surrounding fire-product is mostly water and will not burn.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

**6. ACCIDENTAL RELEASE MEASURES****SPILL PROCEDURES:**

SMALL SPILLS:	Pick up with absorbant material.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

**PERSONAL PRECAUTIONS:** Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.

**ENVIRONMENTAL PRECAUTIONS:** Not applicable

**METHODS FOR CLEANING UP:** Not applicable

**7. HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Keep container closed. Wash thoroughly after handling. Corrosive liquid! Keep from freezing.
OTHER PRECAUTIONS:	No other spill procedures necessary.
SPECIFIC USE(S):	Not applicable.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****PROTECTIVE EQUIPMENT:**

EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	Use in a fume hood with sash drawn down to the level of adequate hood ventilation.
PROTECTIVE GLOVES:	Chemical resistant gloves are recommended to minimize skin contact.
EYE PROTECTION:	Safety glasses are recommended to minimize eye contact.
OTHER PERSONAL PROTECTION EQUIPMENT:	Eyewash fountains and safety showers must be easily accessible. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
VENTILATION:	None required.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR:	Clear, colorless liquid.	
BOILING POINT (F):	212°	(C) 100°
VAPOR PRESSURE:	14mm Hg	
VAPOR DENSITY (AIR=1):	>1	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	1	

**9. PHYSICAL AND CHEMICAL PROPERTIES**

VOC Content (%): Not determined  
EVAPORATION RATE: Not determined  
PH: Alkaline

**10. STABILITY AND REACTIVITY**

STABILITY DATA: STABLE  
POLYMERIZATION: Will Not Occur.  
HAZARDOUS DECOMPOSITION: Oxides of Sodium. Hydrogen gas may be released by contact with certain metals.  
INCOMPATIBILITY (MATERIALS TO AVOID): Organic matter. Chlorates. Alkalines. Reducing agents. Nitrates. acetic acid Oxidizing materials. Metals. Acids. Aluminum. Zinc  
CONDITIONS/HAZARDS TO AVOID: Do not expose to heat or store at temperatures above 120F.

**11. TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY: Not Established  
EFFECTS OF CHRONIC EXPOSURE: Not established.  
OTHER TOXIC EFFECTS: Not established.

**12. ECOLOGICAL INFORMATION**

ECOTOXICOLOGICAL INFORMATION: No data at this time  
CHEMICAL FATE INFORMATION: No data at this time.  
MOBILITY: Not applicable.  
PERSISTENCE/DEGRADABILITY: Not applicable  
BIOACCUMULATIVE POTENTIAL: Not applicable  
OTHER ADVERSE EFFECTS: Not applicable

**13. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

**14. TRANSPORT INFORMATION**

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

**15. REGULATORY INFORMATION**

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
SODIUM HYDROXIDE 1310-73-2	<4	Listed	Listed	Listed	Not Listed
WATER 7732-18-5	>96	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
SODIUM HYDROXIDE 1310-73-2	<4	1000 lb 454 kg	Not Listed	Not Listed
WATER 7732-18-5	>96	Not Listed	Not Listed	Not Listed

## RCSH6255 SODIUM HYDROXIDE 1.0N

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
SODIUM HYDROXIDE 1310-73-2	<4	Listed
WATER 7732-18-5	>96	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
SODIUM HYDROXIDE 1310-73-2	<4	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
SODIUM HYDROXIDE 1310-73-2	<4	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
SODIUM HYDROXIDE 1310-73-2	<4	Listed

### 16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*