

MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/17/2012 REVISION NUMBER: 2

DATE PRINTED: 04/17/2012 PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: RCSA1555 Alkalinity Titrant Low

PRODUCT CODE: RCSA1555

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

 Health:
 1/1
 Fire:
 0/0

 Reactivity:
 0/0
 Special/Protective Equipment:
 Acid/B

NAME OF THE Rochester Midland Corporation

MANUFACTURER: 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: Harmful if swallowed. SKIN CONTACT: Causes burns.

INHALATION: May cause damage to nasal and respiratory passages.

EYE CONTACT: Causes eye burns. 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
Sulfuric acid 7664-93-9	0.1	0.2 mg/m ³	1 mg/m³

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink promptly two glasses of milk, egg whites, or gelatin

solution.

SKIN: Remove contaminated clothing. Wash skin with water, using soap if available.

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): NA (C): Not determined

METHOD: TCC

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FLAMMABLE LIMITS IN AIR

LOWER (%): NF UPPER (%): NE

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA: Dry chemical.

FIRE FIGHTING PROCEDURES: Fire-fighters should wear self-contained breathing apparatus and

full protective clothing when fighting chemical fires.

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: Not applicable **ENVIRONMENTAL PRECAUTIONS:** Not applicable **METHODS FOR CLEANING UP:** Not applicable

HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN Keep container closed. Store in a cool, dry location away from incompatible materials. Wash thoroughly after handling. Emptied containers may retain hazardous properties. Do not cut, IN HANDLING AND STORAGE:

> puncture or weld on or near the container. No other spill procedures necessary.

SPECIFIC USE(S): Not applicable.

EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

OTHER PRECAUTIONS:



EXPOSURE CONTROLS: Exhaust ventilation.

RESPIRATORY PROTECTION: If atmospheric/employee monitoring indicates exposure above the TLV/PEL, use the following

respiratory protection: Wear self-contained breathing apparatus.

PROTECTIVE GLOVES: Rubber gloves. Goggles. **EYE PROTECTION:** OTHER PERSONAL PROTECTION None known.

EQUIPMENT:

VENTILATION: Use local exhaust ventilation as needed if spill occur.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, colorless liquid. Odorless.

BOILING POINT (F): (C) Not determined NA

VAPOR PRESSURE: NA **VAPOR DENSITY (AIR=1):** NA **SOLUBILITY IN WATER:** Soluble **SPECIFIC GRAVITY:** Approx. 1 VOC Content (%): NF **EVAPORATION RATE:** NE PH: < 2

10. STABILITY AND REACTIVITY

RCSA1555 Alkalinity Titrant Low

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STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Oxides of Sulfur.

INCOMPATIBILITY (MATERIALS TO Bases, such as caustic soda, bleach, ammonia, etc. Metals. Oxidizing materials. Reducing

AVOID): ager

CONDITIONS/HAZARDS TO AVOID:

Keep away from heat, sparks and flame. Contact with certain metals produces hydrogen gas.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL No data at this time

INFORMATION:

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:
Sulfuric acid 7664-93-9	0.1	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sulfuric acid 7664-93-9	0.1	1000 lb 454 kg	1000 lb RQ = 1000 lb TPQ	= 1.0 % de minimis concentration acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Sulfuric acid	0.1	Listed
7664-93-9		

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

10 1 0 10 1		
PRODUCT COMPOSITION	%	MARTK:
CAS#		
Sulfuric acid 7664-93-9	0.1	Listed
7004-93-9		

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

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PRODUCT COMPOSITION CAS#	%	NJRTK:
Sulfuric acid 7664-93-9	0.1	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:
Sulfuric acid 7664-93-9	0.1	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 ***