



MATERIAL SAFETY DATA SHEET

REVISION DATE: 01/05/2009 REVISION NUMBER: 1
DATE PRINTED: 01/05/2009 PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **RME2070 EDTA Hardness Reagent**
PRODUCT CODE: 10202

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: None/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation
333 Hollenbeck Street
Rochester, New York 14621
Information: 585-336-2200
Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Large amounts may cause irritation, nausea, diarrhea.
SKIN CONTACT: May cause mild skin irritation.
INHALATION: None in normal use.
EYE CONTACT: May cause mild eye irritation.
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
EDTA, 0.5M 6381-92-6	< 2	NA	NA

4. FIRST AID MEASURES

INGESTION: Drink several glasses of water or milk. Get immediate medical attention.
SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. 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: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): NA (C): NA
METHOD: None

FLAMMABLE LIMITS IN AIR

RME2070 EDTA Hardness Reagent

- LOWER (%): None
- UPPER (%): None

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: None known.

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: NA
ENVIRONMENTAL PRECAUTIONS: NA
METHODS FOR CLEANING UP: NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Wash thoroughly after handling. Avoid contact with skin and eyes. Keep from freezing.
OTHER PRECAUTIONS: No other spill procedures necessary.
SPECIFIC USE(S): NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS: None known.
RESPIRATORY PROTECTION: None normally required.
PROTECTIVE GLOVES: Chemical resistant gloves.
EYE PROTECTION: Safety Glasses. Goggles.
OTHER PERSONAL PROTECTION EQUIPMENT: None known.
VENTILATION: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, colorless liquid. Odorless.
BOILING POINT (F): Approx. 100° C (C) NA
VAPOR PRESSURE: NA
SOLUBILITY IN WATER: Infinite
SPECIFIC GRAVITY: Approx. 1
VOV Content (%): NE
PH: 4 - 6

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Carbon Monoxide. Carbon Dioxide. Nitrous Oxide.
INCOMPATIBILITY (MATERIALS TO AVOID): copper Aluminum. Oxidizing materials.

RME2070 EDTA Hardness Reagent

10. STABILITY AND REACTIVITY

CONDITIONS/HAZARDS TO AVOID: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Oral: LD50/oral/rat > 2000 mg/kg (estimated)
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

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:
EDTA, 0.5M 6381-92-6	< 2	Not Listed	Not Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
EDTA, 0.5M 6381-92-6	< 2	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
EDTA, 0.5M 6381-92-6	< 2	Listed

None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.

None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

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 ***