

MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/16/2012 REVISION NUMBER: 2

DATE PRINTED: 04/16/2012 PREPARED BY: FH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: RCCS2500 CONDUCTIVITY STD., 2500 umho/cm

PRODUCT CODE: RCCS2500

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

DISTRIBUTED BY: Rochester Midland Corporation Emergency Phone:

155 Paragon Drive INFOTRAC: 1-800-535-5053 Rochester, NY 14624 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
Potassium chloride 7447-40-7	< 0.2	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Get immediate medical

attention.

SKIN: Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-

mouth. If breathing is difficult give oxygen. Get medical attention.

EYES: Immediately flush eyes with large amounts of water. Get immediate medical attention.

NOTES TO PHYSICIAN: Treatment based on sound judgment of physician and individual reactions of patient.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): Not applicable (C): Not

applicable None

METHOD:

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FLAMMABLE LIMITS IN AIR

LOWER (%): No data UPPER (%): No data

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

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

SUITABLE EXTINGUISHING MEDIA: As for surrounding fire.

FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing

apparatus and turn out gear.

ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: Reclaim as much as possible.

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 Avoid contact with skin and eyes. Keep from freezing. Wash thoroughly after handling.

IN HANDLING AND STORAGE:

OTHER PRECAUTIONS: No other spill procedures necessary.

SPECIFIC USE(S): Not applicable.

EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS: None known.

RESPIRATORY PROTECTION: None normally required.

PROTECTIVE GLOVES: Chemical resistant gloves are recommended to minimize skin contact.

EYE PROTECTION: Goggles. Safety Glasses.

OTHER PERSONAL PROTECTION Eyewash fountains and safety showers must be easily accessible.

EQUIPMENT: VENTILATION: Ordinary ventilation.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, colorless liquid. Odorless.

212° F (C) 100° C **BOILING POINT (F):**

Not determined **VAPOR PRESSURE:** Not determined **VAPOR DENSITY (AIR=1):**

SOLUBILITY IN WATER: Infinite **SPECIFIC GRAVITY:** 1 - 1.01

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

10. STABILITY AND REACTIVITY

STABILITY DATA: **STABLE POLYMERIZATION:** Will Not Occur.

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10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION: Oxides of Sodium. Fumes. Chloride compounds.

INCOMPATIBILITY (MATERIALS TO Strong oxidents, such as nitric acid, or hypochlorites. Lithium. bromine pentafluoride Trifluoride

AVOID):

CONDITIONS/HAZARDS TO AVOID: None known.

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:
MOBILITY:
PERSISTENCE/DEGRADABILITY:
BIOACCUMULATIVE POTENTIAL:
OTHER ADVERSE EFFECTS:
No data at this time.
Not applicable
Not applicable
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:
Potassium chloride 7447-40-7	< 0.2	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Potassium chloride 7447-40-7	< 0.2	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Potassium chloride 7447-40-7	< 0.2	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.