

MATERIAL SAFETY DATA SHEET

REVISION NUMBER: REVISION DATE: 04/16/2012

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

CHEMICAL PRODUCT

PRODUCT NAME: RCES9470-A, RCES9470-B, RCES9470-C, RCES9470-D,

RCES9470-P, RCES9470-Q, RCES9470-G, RCES9470-T

Electrode Storage Solution

PRODUCT CODE: RCES9470

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

Health: 1/1 Ω/Ω Reactivity: 0/0 **Special/Protective Equipment:** None/B

NAME OF THE Rochester Midland Corporation

MANUFACTURER: 155 Paragon Drive **Emergency Phone:** INFOTRAC: 1-800-535-5053

Rochester, New York 14624

OUTSIDE US: 1-352-323-3500

USA

HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

Abdominal pain. Nausea. Diarrhea Vomiting. **INGESTION:**

SKIN CONTACT: May cause mild skin irritation. INHALATION: May cause mild respiratory irritation. **EYE CONTACT:** May cause mild eye irritation.

CHRONIC EFFECTS: None known.

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

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

COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Potassium chloride 7447-40-7	< 8	Not applicable	Not applicable
Potassium Hydrogen Phthalate 877-24-7	< 1	Not applicable	Not applicable

FIRST AID MEASURES

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

attention.

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

INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult,

get immediate medical attention.

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

medical attention.

NOTES TO PHYSICIAN: None.

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5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): NA (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 for surrounding fire.

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

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7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN Wash thoroughly after handling. Avoid contact with skin and eyes. Keep from freezing. Store in

IN HANDLING AND STORAGE: a cool, dry location away from incompatible materials.

OTHER PRECAUTIONS: No other spill procedures necessary.

SPECIFIC USE(S): Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS: Use in a well ventilated area.

RESPIRATORY PROTECTION: Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved

organic vapor respirator.

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

EYE PROTECTION: Safety Glasses. Goggles.

OTHER PERSONAL PROTECTION

EQUIPMENT:

EVAPORATION RATE:

None known.

VENTILATION: Mechanical ventilation as needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, colorless liquid. Odorless.

NE

BOILING POINT (F): Approx. 100° C **(C)** Not determined

VAPOR PRESSURE: 14 mm Hg at 20° C

VAPOR DENSITY (AIR=1): NA

SOLUBILITY IN WATER: Not determined SPECIFIC GRAVITY: Approx. 1 VOC Content (%): NE

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9. PHYSICAL AND CHEMICAL PROPERTIES

PH: NA

10. STABILITY AND REACTIVITY

STABILITY DATA:

POLYMERIZATION:
HAZARDOUS DECOMPOSITION:
INCOMPATIBILITY (MATERIALS TO

STABLE
Will Not Occur.
Not expected.
None known.

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: 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:
Potassium chloride 7447-40-7	< 8	Listed	Listed	Listed	Not Listed
Potassium Hydrogen Phthalate 877-24-7	< 1	Not Listed	Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Potassium chloride 7447-40-7	< 8	Not Listed	Not Listed	Not Listed
Potassium Hydrogen Phthalate 877-24-7	< 1	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Potassium chloride	< 8	Listed
7447-40-7		

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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 ***