



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/17/2012

REVISION NUMBER:

2

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PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **RCPI8106 Sulfite Titrant (High)**

PRODUCT CODE: RCPI8106

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  
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 harmful if swallowed.  
SKIN CONTACT: Causes moderate skin irritation.  
INHALATION: Causes irritation of the mouth,nose,and throat.  
EYE CONTACT: Vapor and/or liquid cause irritation.  
CHRONIC EFFECTS: None known.  
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.  
ROUTES OF ENTRY: Oral. Inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| PRODUCT COMPOSITION<br>CAS#   | %   | ACGIH TLV      | OSHA PELs      |
|-------------------------------|-----|----------------|----------------|
| Potassium Iodide<br>7681-11-0 | 1   | Not applicable | Not applicable |
| Potassium Iodate<br>7758-05-6 | 0.4 | 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 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: 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

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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:          | Dry chemical.   |
| 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 |

### 7. HANDLING AND STORAGE

|  |   |
|--|---|
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: | 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, puncture or weld on or near the container. |
| OTHER PRECAUTIONS:                               | No other spill procedures necessary.  |
| SPECIFIC USE(S):                                 | Not applicable.   |

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT:



|                                      |   |
|--------------------------------------|---|
| 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.  |
| EYE PROTECTION:                      | Goggles.  |
| OTHER PERSONAL PROTECTION EQUIPMENT: | None known.   |
| VENTILATION:                         | Local exhaust ventilation recommended.  |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                        |                                    |                    |
|------------------------|------------------------------------|--------------------|
| APPEARANCE AND ODOR:   | Clear, colorless liquid. Odorless. |                    |
| BOILING POINT (F):     | NA                                 | (C) Not determined |
| VAPOR PRESSURE:        | NA                                 |                    |
| VAPOR DENSITY (AIR=1): | NA                                 |                    |
| SOLUBILITY IN WATER:   | Infinite                           |                    |
| SPECIFIC GRAVITY:      | Approx. 1                          |                    |
| VOC Content (%):       | NE                                 |                    |
| EVAPORATION RATE:      | NE                                 |                    |
| PH:                    | NE                                 |                    |

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

### 10. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Iodine.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and oxidizers.  
**CONDITIONS/HAZARDS TO AVOID:** Keep away from heat, sparks and flame.

### 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<br>CAS#   | %   | TSCA:      | EINECS: | Canada DSL: | CA PROP 65: |
|-------------------------------|-----|------------|---------|-------------|-------------|
| Potassium Iodide<br>7681-11-0 | 1   | Not Listed | Listed  | Not Listed  | Not Listed  |
| Potassium Iodate<br>7758-05-6 | 0.4 | Not Listed | Listed  | Not Listed  | Not Listed  |

| PRODUCT COMPOSITION<br>CAS#   | %   | CERCLA:    | SARA 302:  | SARA 313:  |
|-------------------------------|-----|------------|------------|------------|
| Potassium Iodide<br>7681-11-0 | 1   | Not Listed | Not Listed | Not Listed |
| Potassium Iodate<br>7758-05-6 | 0.4 | Not Listed | Not Listed | Not 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

#### **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 \*\*\***