



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 12/23/2008  
DATE PRINTED: 12/23/2008

REVISION NUMBER: 1  
PREPARED BY: EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **RC-1100 Calcium Hardness Indicator Powder**  
PRODUCT CODE: 10200

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: Irritation of the mouth, throat, and stomach.  
SKIN CONTACT: Causes moderate skin irritation.  
INHALATION: May irritate the lungs.  
EYE CONTACT: May irritate eyes.  
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
Calcon 2538-85-4	0.2	NA	NA
Potassium chloride 7447-70-7	99.8	NA	NA

### 4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Contact physician if irritation persists.  
SKIN: 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.  
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): NA  
METHOD: TCC

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### 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:**

NA

**ENVIRONMENTAL PRECAUTIONS:**

NA

**METHODS FOR CLEANING UP:**

NA

## 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN  
IN HANDLING AND STORAGE:**

Keep container closed when not in use. Store in a cool, dry area. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Wash thoroughly after handling.

**OTHER PRECAUTIONS:**

No other spill procedures necessary.

**SPECIFIC USE(S):**

NA

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT:



**EXPOSURE CONTROLS:**

Exhaust ventilation. Localized ventilation should be used to control dust levels.

**RESPIRATORY PROTECTION:**

Use in a well ventilated area. 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**

Wear eye protection and protective clothing.

**EQUIPMENT:**

**VENTILATION:**

Local exhaust ventilation recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:**

Red. Brown. Powder. Odorless.

**BOILING POINT (F):**

NA

(C) NA

**VAPOR PRESSURE:**

NA

**VAPOR DENSITY (AIR=1):**

NA

**SOLUBILITY IN WATER:**

NA

**SPECIFIC GRAVITY:**

NE

**VOC Content (%):**

NE

**VOV Content (%):**

NE

**EVAPORATION RATE:**

NA

**PH:**

NA

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### 10. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Oxides of Carbon. Chloride compounds.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** None known.  
**CONDITIONS/HAZARDS TO AVOID:** None known.

### 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** NE  
**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:
Calcon 2538-85-4	0.2	Listed	Not Listed	Listed	Not Listed
Potassium chloride 7447-70-7	99.8	Not Listed	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Calcon 2538-85-4	0.2	Not Listed	Not Listed	Not Listed
Potassium chloride 7447-70-7	99.8	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Calcon 2538-85-4	0.2	<row><value>Uncontrolled product according to WHMIS classification criteria</value></row> Uncontrolled product according to WHMIS classification criteria

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.

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### 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 \*\*\***