



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/16/2012

REVISION NUMBER:

2

DATE PRINTED: 04/16/2012

PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **RCMN9269 Chloride Indicator**

PRODUCT CODE: RCMN9269

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

Health: 1/1

Fire: 2/2

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 cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.

**SKIN CONTACT:** May cause moderate skin irritation. Dermatitis.

**INHALATION:** May cause mild respiratory irritation. May cause Central Nervous System effects.

**EYE CONTACT:** May cause corneal injury.

**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
Methanol 67-56-1	99	200 ppm	200 ppm 260 mg/m <sup>3</sup>
Bromophenol Blue 115-39-9	0.5	Not applicable	Not applicable
s-Diphenylcarbazone 538-62-5	0.5	Not applicable	Not applicable

### 4. FIRST AID MEASURES

**INGESTION:** If swallowed dilute with 1-2 glasses of milk or water and then induce vomiting. Get immediate medical attention.

**SKIN:** Remove contaminated clothing. Wash skin with water, using soap if available. 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**

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:	Carbon dioxide. Dry chemical. Alcohol foam.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

**6. ACCIDENTAL RELEASE MEASURES**

<b>SPILL PROCEDURES:</b>	
<b>SMALL SPILLS:</b>	Pick up with absorbant material.
<b>LARGE SPILLS:</b>	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.
<b>PERSONAL PRECAUTIONS:</b>	Not applicable
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Not applicable
<b>METHODS FOR CLEANING UP:</b>	Not applicable

**7. HANDLING AND STORAGE**

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	Keep container closed when not in use. 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.
<b>OTHER PRECAUTIONS:</b>	No other spill procedures necessary.
<b>SPECIFIC USE(S):</b>	Not applicable.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****PROTECTIVE EQUIPMENT:**

<b>EXPOSURE CONTROLS:</b>	Exhaust ventilation.
<b>RESPIRATORY PROTECTION:</b>	If atmospheric/employee monitoring indicates exposure above the TLV/PEL, use the following respiratory protection: Wear self-contained breathing apparatus.
<b>PROTECTIVE GLOVES:</b>	Chemical resistant gloves are recommended to minimize skin contact.
<b>EYE PROTECTION:</b>	Safety Glasses. Goggles.
<b>OTHER PERSONAL PROTECTION EQUIPMENT:</b>	None known.
<b>VENTILATION:</b>	Use local exhaust ventilation as needed if spill occur.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE AND ODOR:</b>	Clear red. Liquid. Alcohol scent.	
<b>BOILING POINT (F):</b>	NA	(C) Not determined
<b>VAPOR PRESSURE:</b>	NA	
<b>VAPOR DENSITY (AIR=1):</b>	Heavier than air	
<b>SOLUBILITY IN WATER:</b>	INFINITE	
<b>SPECIFIC GRAVITY:</b>	NA	
<b>VOC Content (%):</b>	NE	
<b>EVAPORATION RATE:</b>	NE	

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PH: NE

**10. STABILITY AND REACTIVITY**

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Oxides of Carbon. Fumes. Formaldehyde.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing materials. acetyl chloride Sodium.  
**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 CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Methanol 67-56-1	99	Listed	Listed	Listed	Not Listed
Bromophenol Blue 115-39-9	0.5	Listed	Not Listed	Listed	Not Listed
s-Diphenylcarbazone 538-62-5	0.5	Not Listed	Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Methanol 67-56-1	99	2270 kg 5000 lb	Not Listed	= 1.0 % de minimis concentration
Bromophenol Blue 115-39-9	0.5	Not Listed	Not Listed	Not Listed
s-Diphenylcarbazone 538-62-5	0.5	Not Listed	Not Listed	Not Listed

## RCMN9269 Chloride Indicator

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Methanol 67-56-1	99	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Methanol 67-56-1	99	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Methanol 67-56-1	99	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Methanol 67-56-1	99	Listed

### 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 \*\*\*