



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012  
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REVISION NUMBER: 2

### 1. CHEMICAL PRODUCT

**PRODUCT NAME:** EQC-3 , Alkaline Liquid Cleaner ( formerly EQC-3G)

**PRODUCT CODE:** 101710

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

<b>Health:</b>	2/2	<b>Fire:</b>	0/0
<b>Reactivity:</b>	0/0	<b>Special/Protective Equipment:</b>	ALK/B

<b>NAME OF THE MANUFACTURER:</b>	Rochester Midland Corporation 155 Paragon Drive Rochester, New York 14624 USA	Emergency Phone: INFOTRAC: 1-800-535-5053 OUTSIDE US: 1-352-323-3500
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### 2. HAZARDS IDENTIFICATION

**EFFECTS FROM ACUTE EXPOSURE:**

<b>INGESTION:</b>	Irritation. May cause burns to mucous membranes of mouth, throat, and digestive tract.
<b>SKIN CONTACT:</b>	Causes burns.
<b>INHALATION:</b>	Causes moderate respiratory irritation. Possible damage to mucous membranes of nose and throat.
<b>EYE CONTACT:</b>	Causes severe eye burns.
<b>CHRONIC EFFECTS:</b>	None known.
<b>EFFECTS/CARCINOGENICITY:</b>	None listed under OSHA, IARC, or NTP.
<b>ROUTES OF ENTRY:</b>	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
Sodium metasilicate 6834-92-0	25 max.	Not applicable	Not applicable
POTASSIUM HYDROXIDE 1310-58-3	< 1	Not applicable	Not applicable

### 4. FIRST AID MEASURES

<b>INGESTION:</b>	DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Contact Physician.
<b>SKIN:</b>	Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.
<b>INHALATION:</b>	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.
<b>EYES:</b>	In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
<b>NOTES TO PHYSICIAN:</b>	None.

### 5. FIRE AND EXPLOSION HAZARD DATA

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### 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): None (C): Not determined
METHOD:	None
FLAMMABLE LIMITS IN AIR	
LOWER (%):	No data
UPPER (%):	No data
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. Product will not burn.
FIRE FIGHTING PROCEDURES:	None.

### 6. ACCIDENTAL RELEASE MEASURES

#### SPILL PROCEDURES:

SMALL SPILLS:	Rinse down drain.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

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:	Follow label directions carefully. Store only in original container and keep closed. Do not breathe mist or vapors. Avoid contact with skin and eyes.
OTHER PRECAUTIONS:	Keep out of reach of children.
SPECIFIC USE(S):	Not applicable.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	None normally required. Use NIOSH approved alkaline respirator with dust/mist filter as needed to meet exposure limits if product is used in a manner which creates dust or mist above recommended exposure limits.
PROTECTIVE GLOVES:	Rubber gloves.
EYE PROTECTION:	Safety Glasses. Goggles.
OTHER PERSONAL PROTECTION EQUIPMENT:	Appropriate protective clothing as needed to prevent skin contact.
VENTILATION:	General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Light yellow liquid. Odorless.	
BOILING POINT (F):	212 F	(C) Not determined
VAPOR PRESSURE:	15.7 mm Hg @ 22.2 C	
VAPOR DENSITY (AIR=1):	0.625	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	1.09	
VOC Content (%):	NE	
EVAPORATION RATE:	(BuAc = 1) : 1.26	

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

PH: 12.0 - 12.5 (5% solution)

### 10. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Hydrogen halides  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Do not mix with acidic materials. Neutralizes active ingredients.  
**CONDITIONS/HAZARDS TO AVOID:** None.

### 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:
Sodium metasilicate 6834-92-0	25 max.	Listed	Listed	Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	< 1	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium metasilicate 6834-92-0	25 max.	Not Listed	Not Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	< 1	1000 lb 454 kg	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Sodium metasilicate 6834-92-0	25 max.	Listed
POTASSIUM HYDROXIDE 1310-58-3	< 1	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:
POTASSIUM HYDROXIDE 1310-58-3	< 1	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:
POTASSIUM HYDROXIDE 1310-58-3	< 1	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:
POTASSIUM HYDROXIDE 1310-58-3	< 1	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 \*\*\*