



MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008
DATE PRINTED: 11/11/2008

REVISION NUMBER: 3
PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **LIQUID CIRKET 880**
PRODUCT CODE: 118387

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

Health: 3/3 Fire: 0/0
Reactivity: 1/1 Special/Protective Equipment: CORR/C

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: Causes burns of the mouth, throat and stomach.
SKIN CONTACT: Causes severe skin irritation.
INHALATION: Causes irritation of the mouth,nose,and throat. Causes lung irritation.
EYE CONTACT: Corrosive. Causes eye burns.
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
Tetrapotassium pyrophosphate (in water solution) 7320-34-5	55 - 70	NA	NA

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Get immediate medical attention.
SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention.
INHALATION: If inhaled, move victim to fresh air and seek medical attention.
EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA
METHOD: None

FLAMMABLE LIMITS IN AIR

LIQUID CIRKET 880

- LOWER (%): None
- UPPER (%): None

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:

Non-combustible material. Wear self-contained breathing equipment and rubber protective clothing.

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:**

Use only in a well ventilated area. Avoid creating mists or aerosols. Danger: Corrosive. Keep container closed when not in use. Avoid contact with eyes, skin and clothing.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

Use in a well ventilated area.

RESPIRATORY PROTECTION:

Cartridge respirator.

PROTECTIVE GLOVES:

Butyl rubber. Neoprene. Nitrile gloves. PVC. Rubber gloves.

EYE PROTECTION:

Face shield. Goggles.

OTHER PERSONAL PROTECTION

Eyewash fountains and safety showers must be easily accessible.

EQUIPMENT:

VENTILATION:

Local exhaust ventilation recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Clear yellow liquid. Chlorine odor.

BOILING POINT (F):

NA

(C) NA

VAPOR DENSITY (AIR=1):

9.6 lb/gal, 9.56 lb/gal

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

1.16

VOC Content (%):

NE

VOV Content (%):

NE

PH:

14.0 (100%)

10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

POLYMERIZATION:

Will Not Occur.

HAZARDOUS DECOMPOSITION:

Chlorine gas. Hydrochloric Acid.

**INCOMPATIBILITY (MATERIALS TO
AVOID):**

Strong acids and oxidizers. Organic matter. Reactive metals such as aluminum and magnesium.

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:
Tetrapotassium pyrophosphate (in water solution) 7320-34-5	55 - 70	Listed	Not Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Tetrapotassium pyrophosphate (in water solution) 7320-34-5	55 - 70	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Tetrapotassium pyrophosphate (in water solution) 7320-34-5	55 - 70	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

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 *****