



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/16/2012

REVISION NUMBER:

7

DATE PRINTED: 04/16/2012

PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **LIQUID CIRKET II**
PRODUCT CODE: 118443

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

Health: 3/3

Fire: 0/0

Reactivity: 0/0

Special/Protective Equipment: CORR/C

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: Causes burns of the mouth, throat and stomach.
SKIN CONTACT: Causes severe skin irritation with tissue destruction.
INHALATION: Causes irritation of the mouth,nose,and throat. Causes lung irritation.
EYE CONTACT: Corrosive. Causes eye burns. Causes severe eye irritation. Will damage tissue.
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
Sodium tripolyphosphate 7758-29-4	5.0 - 10.0	Not applicable	Not applicable
POTASSIUM HYDROXIDE 1310-58-3	10.0-30.0	Not applicable	Not applicable
Sodium hypochlorite 7681-52-9	1 - 3	Not applicable	Not applicable
Potassium silicate 1312-76-1	1.0 - 10.0	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth. Get immediate medical attention.
SKIN: Flush skin with large amounts of water. If irritation persists, get medical attention. Get medical attention. Remove contaminated clothing and launder before reuse.
INHALATION: If inhaled, move victim to fresh air and seek medical attention.
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

LIQUID CIRKET II

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): None to boiling (C): None to boiling
METHOD:	TCC
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 appropriate for surrounding fire-product is mostly water and will not burn.
FIRE FIGHTING PROCEDURES:	Non-combustible material.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:	
SMALL SPILLS:	Pick up with absorbant material.
LARGE SPILLS:	Dike to contain, reclaim all possible. Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers.
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:	Danger: Corrosive. Avoid contact with eyes, skin and clothing. Use only in a well ventilated area. Keep container closed when not in use. Wash thoroughly after handling.
OTHER PRECAUTIONS:	No other spill procedures necessary.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	Use in a well ventilated area.
RESPIRATORY PROTECTION:	Cartridge respirator. Firefighting; use a Positive Pressure Demand Full Face Self Contained Breathing Apparatus.
PROTECTIVE GLOVES:	Butyl rubber. Neoprene. Nitrile gloves. PVC. Rubber gloves.
EYE PROTECTION:	Goggles. Face shield.
OTHER PERSONAL PROTECTION EQUIPMENT:	Eyewash fountains and safety showers must be easily accessible.
VENTILATION:	General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear. Light yellow liquid. Chlorine odor.
BOILING POINT (F):	Not determined (C) Not determined
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (AIR=1):	Not determined
SOLUBILITY IN WATER:	Complete
SPECIFIC GRAVITY:	1.222 - 1.262
VOC Content (%):	Not determined
EVAPORATION RATE:	Not determined
PH:	Not Determined

LIQUID CIRKET II

9. PHYSICAL AND CHEMICAL PROPERTIES

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Toxic fumes.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and oxidizers. Organic matter.
CONDITIONS/HAZARDS TO AVOID: Freezing conditions.

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 tripolyphosphate 7758-29-4	5.0 - 10.0	Not Listed	Listed	Not Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	10.0-30.0	Listed	Listed	Listed	Not Listed
Sodium hypochlorite 7681-52-9	1 - 3	Listed	Listed	Listed	Not Listed
Potassium silicate 1312-76-1	1.0 - 10.0	Not Listed	Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium tripolyphosphate 7758-29-4	5.0 - 10.0	Not Listed	Not Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	10.0-30.0	1000 lb 454 kg	Not Listed	Not Listed
Sodium hypochlorite 7681-52-9	1 - 3	100 lb 45.4 kg	Not Listed	Not Listed
Potassium silicate 1312-76-1	1.0 - 10.0	Not Listed	Not Listed	Not Listed

LIQUID CIRKET II

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
POTASSIUM HYDROXIDE 1310-58-3	10.0-30.0	Listed
Sodium hypochlorite 7681-52-9	1 - 3	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:
Sodium tripolyphosphate 7758-29-4	5.0 - 10.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	10.0-30.0	Listed
Sodium hypochlorite 7681-52-9	1 - 3	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	10.0-30.0	Listed
Sodium hypochlorite 7681-52-9	1 - 3	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:
Sodium tripolyphosphate 7758-29-4	5.0 - 10.0	Listed
POTASSIUM HYDROXIDE 1310-58-3	10.0-30.0	Listed
Sodium hypochlorite 7681-52-9	1 - 3	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 ***