



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008 REVISION NUMBER: 2  
DATE PRINTED: 11/11/2008 PREPARED BY: EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **LIQUID BLITZ**  
PRODUCT CODE: 118388

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  
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 with tissue destruction.  
INHALATION: May irritate the lungs. May irritate mouth, nose, and throat.  
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
SODIUM HYDROXIDE 1310-73-2	0.1-1.0	NA	2 mg/m <sup>3</sup>
Dipropylene glycol methyl ether 34590-94-8	1.0-5.0	100 ppm	NA
Sodium metasilicate 6834-92-0	5.0-10.0	NA	NA
Sodium tripolyphosphate 7758-29-4	1.0-5.0	NA	NA

### 4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Get immediate medical attention. Rinse mouth.  
SKIN: Get medical attention. Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.  
INHALATION: If inhaled, move victim to fresh air and seek medical attention.  
EYES: Immediately flush eyes with large amounts of water. 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

## LIQUID BLITZ

### 5. FIRE AND EXPLOSION HAZARD DATA

METHOD: None

#### FLAMMABLE LIMITS IN AIR

- 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. None - does not burn.

FIRE FIGHTING PROCEDURES:

Non-combustible material. Wear respiratory protection if in a confined area.

### 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:

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

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:

Goggles. Face shield.

OTHER PERSONAL PROTECTION

Eyewash fountains and safety showers must be easily accessible.

EQUIPMENT:

VENTILATION:

General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Yellow. Green liquid. Mild odor.

BOILING POINT (F):

NA

(C) NA

VAPOR PRESSURE:

Same as water

VAPOR DENSITY (AIR=1):

Same as water

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

1.08

VOV Content (%):

NE

### 10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

## LIQUID BLITZ

### 10. STABILITY AND REACTIVITY

**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Oxides of Phosphorus.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and oxidizers.  
**CONDITIONS/HAZARDS TO AVOID:** Freezing conditions.

### 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:
SODIUM HYDROXIDE 1310-73-2	0.1-1.0	Listed	Listed	Listed	Not Listed
Dipropylene glycol methyl ether 34590-94-8	1.0-5.0	Listed	Listed	Listed	Not Listed
Sodium metasilicate 6834-92-0	5.0-10.0	Listed	Listed	Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	1.0-5.0	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
SODIUM HYDROXIDE 1310-73-2	0.1-1.0	1000 lb 454 kg	Not Listed	Not Listed
Dipropylene glycol methyl ether 34590-94-8	1.0-5.0	Not Listed	Not Listed	Listed
Sodium metasilicate 6834-92-0	5.0-10.0	Not Listed	Not Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	1.0-5.0	2270 kg 5000 lb	Not Listed	Not Listed

## LIQUID BLITZ

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
SODIUM HYDROXIDE 1310-73-2	0.1-1.0	Listed
Dipropylene glycol methyl ether 34590-94-8	1.0-5.0	Listed
Sodium metasilicate 6834-92-0	5.0-10.0	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 HYDROXIDE 1310-73-2	0.1-1.0	Listed
Dipropylene glycol methyl ether 34590-94-8	1.0-5.0	Listed
Sodium tripolyphosphate 7758-29-4	1.0-5.0	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:
SODIUM HYDROXIDE 1310-73-2	0.1-1.0	Listed
Dipropylene glycol methyl ether 34590-94-8	1.0-5.0	Listed
Sodium tripolyphosphate 7758-29-4	1.0-5.0	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 HYDROXIDE 1310-73-2	0.1-1.0	Listed
Dipropylene glycol methyl ether 34590-94-8	1.0-5.0	Listed
Sodium tripolyphosphate 7758-29-4	1.0-5.0	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 \*\*\*