



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012

REVISION NUMBER:

3

DATE PRINTED: 04/19/2012

PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **POWERHOUSE**

PRODUCT CODE: 118742

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  
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:** Severe burns to mucous membranes of mouth, throat and digestive tract.  
**SKIN CONTACT:** Prolonged contact causes severe burns which may not be immediately painful or visible.  
**INHALATION:** Inhalation of spray mist may be irritating. Can cause damage to mucous membranes of nose, throat, respiratory tract and lung tissue depending on severity of exposure.  
**EYE CONTACT:** Causes severe eye burns. May cause permanent eye damage. May cause blindness.  
**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
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Not applicable	Not applicable
Sodium tripolyphosphate 7758-29-4	1 - 5	Not applicable	Not applicable

### 4. FIRST AID MEASURES

**INGESTION:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.  
**SKIN:** Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation or burns develop.  
**INHALATION:** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.  
**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

**5. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT:	(F): None (C): Not determined
METHOD:	None
FLAMMABLE LIMITS IN AIR	
LOWER (%):	NA
UPPER (%):	NA
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:**

Flush with water.

**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:**

Store only in original container and keep closed. Avoid contact with skin and eyes.

**OTHER PRECAUTIONS:**

When used in systems providing humidification, the concentration of diethylaminoethanol may not exceed 10 ppm in the air.

**SPECIFIC USE(S):**

Not applicable.

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

None known.

**RESPIRATORY PROTECTION:**

None required.

**PROTECTIVE GLOVES:**

Rubber or plastic gloves recommended to minimize skin contact.

**EYE PROTECTION:**

Goggles. Face shield.

**OTHER PERSONAL PROTECTION  
EQUIPMENT:**

Appropriate protective clothing as needed to prevent skin contact.

**VENTILATION:**

None required.

**9. PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE AND ODOR:**

Clear. Light red liquid

**BOILING POINT (F):**

NE

(C) Not determined

**VAPOR PRESSURE:**

NA

**VAPOR DENSITY (AIR=1):**

NA

**SOLUBILITY IN WATER:**

Complete

**SPECIFIC GRAVITY:**

1.11 - 1.12

**VOC Content (%):**

NE

**EVAPORATION RATE:**

NE

**PH:**

12.5 - 13.2

**10. STABILITY AND REACTIVITY**

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Hydrogen halides  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Acids. Do not mix with: Neutralizes active ingredients. May release sulfur dioxide. Avoid contact with aluminum, zinc, other soft metals or galvanized metals. Reaction will generate hydrogen gas. This gas is flammable and/or explosive in presence of ignition source.  
**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:
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed	Listed	Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	1 - 5	Not Listed	Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	1000 lb 454 kg	Not Listed	Not Listed
Sodium tripolyphosphate 7758-29-4	1 - 5	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed

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

## POWERHOUSE

PRODUCT COMPOSITION CAS#	%	MARTK:
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed
Sodium tripolyphosphate 7758-29-4	1 - 5	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 - 5	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 - 5	Listed
Sodium tripolyphosphate 7758-29-4	1 - 5	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 \*\*\*