



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/16/2012

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8

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PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **TRAPEZE, Grease Trap Cleaner and Drain Opener**

PRODUCT CODE: 106310

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

Health: 2/2

Fire: 2/2

Reactivity: 0/0

Special/Protective Equipment: ALK/B

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:** May cause severe irritation. Causes vomiting, nausea, and diarrhea. Aspiration of ingested or vomited liquid into the lungs may cause chemical pneumonia, which can be fatal.

**SKIN CONTACT:** May cause skin burns. Prolonged contact causes severe burns which may not be immediately painful or visible.

**INHALATION:** Inhalation of vapors or mists may cause nose and respiratory irritation, sore throat, and coughing. May cause Central Nervous System effects.

**EYE CONTACT:** Causes severe eye burns which may not be immediately painful or visible.

**CHRONIC EFFECTS:** None expected in normal use. Long term overexposure to some glycol ethers by skin absorption or inhalation may cause kidney, liver, or blood effects based on animal testing.

**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<br>CAS#               | %       | ACGIH TLV      | OSHA PELs                    |
|-------------------------------------------|---------|----------------|------------------------------|
| d-Limonene - combustible<br>5989-27-5     | 30 max. | Not applicable | Not applicable               |
| Ethanolamine<br>141-43-5                  | 15 max. | 3 ppm          | 3 ppm<br>6 mg/m <sup>3</sup> |
| Diethylene glycol butyl ether<br>112-34-5 | 15 max. | Not applicable | Not applicable               |

### 4. FIRST AID MEASURES

**INGESTION:** If large quantities of this material are swallowed: Get immediate medical attention. DO NOT INDUCE VOMITING. Give nothing by mouth. May cause aspiration pneumonia. 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 to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

## TRAPEZE, Grease Trap Cleaner and Drain Opener

### 4. FIRST AID MEASURES

**EYES:** 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.

**NOTES TO PHYSICIAN:** None.

### 5. FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** (F): 117° F (C): 47.2° C

**METHOD:** TCC

**FLAMMABLE LIMITS IN AIR**

**LOWER (%):** 0.7%

**UPPER (%):** 6.1% (approx.)

**SENSITIVITY TO MECHANICAL IMPACT(Y/N):** NO

**SENSITIVITY TO STATIC DISCHARGE:** Sensitivity to static discharge is not expected.

**SUITABLE EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemicals, Foam.

**FIRE FIGHTING PROCEDURES:** Combustible. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

### 6. ACCIDENTAL RELEASE MEASURES

#### SPILL PROCEDURES:

**SMALL SPILLS:**

**LARGE SPILLS:**

Mop up all possible. Flush residue with water.

Flush remainder with water. Releases of some glycol ethers may be CERCLA reportable. Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

**PERSONAL PRECAUTIONS:**

**ENVIRONMENTAL PRECAUTIONS:**

**METHODS FOR CLEANING UP:**

Not applicable

Not applicable

Not applicable

### 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN  
IN HANDLING AND STORAGE:**

**WARNING** Combustible Use only in a well ventilated area. Do not store near heat, sparks or flame.

Do not store near oxidizing agents. Store only in original container and keep closed. Do not reuse container. Guard against spontaneous combustion of discarded oily rags. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors.

**OTHER PRECAUTIONS:**

Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Do not reuse container.

**SPECIFIC USE(S):**

Not applicable.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:**



**EXPOSURE CONTROLS:**

**RESPIRATORY PROTECTION:**

**PROTECTIVE GLOVES:**

**EYE PROTECTION:**

Use in a well ventilated area.

Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.

Safety glasses are recommended to minimize eye contact.

## TRAPEZE, Grease Trap Cleaner and Drain Opener

|                                             |                                                                                                                                                                                                                                                                                  |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTHER PERSONAL PROTECTION EQUIPMENT:</b> | Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product. |
| <b>VENTILATION:</b>                         | General mechanical and/or local exhaust as needed if mist or vapors cause irritation. Use non-sparking equipment.                                                                                                                                                                |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| <b>APPEARANCE AND ODOR:</b>   | Clear yellowish to amber liquid. Citrus odor. |
| <b>BOILING POINT (F):</b>     | 212° F (C) 100° C                             |
| <b>VAPOR PRESSURE:</b>        | 2 mm Hg @ 75° F (d-Limonene)                  |
| <b>VAPOR DENSITY (AIR=1):</b> | Heavier                                       |
| <b>SOLUBILITY IN WATER:</b>   | Not determined                                |
| <b>SPECIFIC GRAVITY:</b>      | 0.974 - 0.984                                 |
| <b>VOC Content (%):</b>       | Not determined                                |
| <b>EVAPORATION RATE:</b>      | Not determined                                |
| <b>PH:</b>                    | 10.5 - 11.5                                   |

### 10. STABILITY AND REACTIVITY

|                                              |                                                                                      |
|----------------------------------------------|--------------------------------------------------------------------------------------|
| <b>STABILITY DATA:</b>                       | STABLE                                                                               |
| <b>POLYMERIZATION:</b>                       | Will Not Occur.                                                                      |
| <b>HAZARDOUS DECOMPOSITION:</b>              | Incomplete combustion produces: Fumes. Smoke. Soot. Carbon Dioxide. Carbon Monoxide. |
| <b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> | Avoid contact with: Acids. Strong oxidents, such as nitric acid, or hypochlorites.   |
| <b>CONDITIONS/HAZARDS TO AVOID:</b>          | Open flames. Welding arcs.                                                           |

### 11. TOXICOLOGICAL INFORMATION

|                                     |                  |
|-------------------------------------|------------------|
| <b>ACUTE TOXICITY:</b>              | Not Established  |
| <b>EFFECTS OF CHRONIC EXPOSURE:</b> | Not established. |
| <b>OTHER TOXIC EFFECTS:</b>         | Not established. |

### 12. ECOLOGICAL INFORMATION

|                                      |                       |
|--------------------------------------|-----------------------|
| <b>ECOTOXICOLOGICAL INFORMATION:</b> | No data at this time  |
| <b>CHEMICAL FATE INFORMATION:</b>    | No data at this time. |
| <b>MOBILITY:</b>                     | Not applicable.       |
| <b>PERSISTENCE/DEGRADABILITY:</b>    | Not applicable        |
| <b>BIOACCUMULATIVE POTENTIAL:</b>    | Not applicable        |
| <b>OTHER ADVERSE EFFECTS:</b>        | Not applicable        |

### 13. DISPOSAL CONSIDERATIONS

|                                |                                                                  |
|--------------------------------|------------------------------------------------------------------|
| <b>WASTE DISPOSAL METHODS:</b> | 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

# TRAPEZE, Grease Trap Cleaner and Drain Opener

## 15. REGULATORY INFORMATION

| PRODUCT COMPOSITION<br>CAS#               | %       | TSCA:  | EINECS: | Canada DSL: | CA PROP 65: |
|-------------------------------------------|---------|--------|---------|-------------|-------------|
| d-Limonene - combustible<br>5989-27-5     | 30 max. | Listed | Listed  | Listed      | Not Listed  |
| Ethanolamine<br>141-43-5                  | 15 max. | Listed | Listed  | Listed      | Not Listed  |
| Diethylene glycol butyl ether<br>112-34-5 | 15 max. | Listed | Listed  | Listed      | Not Listed  |

| PRODUCT COMPOSITION<br>CAS#               | %       | CERCLA:    | SARA 302:  | SARA 313:  |
|-------------------------------------------|---------|------------|------------|------------|
| d-Limonene - combustible<br>5989-27-5     | 30 max. | Not Listed | Not Listed | Not Listed |
| Ethanolamine<br>141-43-5                  | 15 max. | Not Listed | Not Listed | Not Listed |
| Diethylene glycol butyl ether<br>112-34-5 | 15 max. | Not Listed | Not Listed | Not Listed |

| PRODUCT COMPOSITION<br>CAS#               | %       | Canada WHMIS: |
|-------------------------------------------|---------|---------------|
| d-Limonene - combustible<br>5989-27-5     | 30 max. | Listed        |
| Ethanolamine<br>141-43-5                  | 15 max. | Listed        |
| Diethylene glycol butyl ether<br>112-34-5 | 15 max. | Listed        |

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

| PRODUCT COMPOSITION<br>CAS# | %       | MARTK: |
|-----------------------------|---------|--------|
| Ethanolamine<br>141-43-5    | 15 max. | 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<br>CAS#               | %       | NJRTK: |
|-------------------------------------------|---------|--------|
| Ethanolamine<br>141-43-5                  | 15 max. | Listed |
| Diethylene glycol butyl ether<br>112-34-5 | 15 max. | Listed |

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

| PRODUCT COMPOSITION<br>CAS#               | %       | PARTK: |
|-------------------------------------------|---------|--------|
| Ethanolamine<br>141-43-5                  | 15 max. | Listed |
| Diethylene glycol butyl ether<br>112-34-5 | 15 max. | 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 \*\*\*