



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012

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PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **MIDFLOC PW 1319E**

PRODUCT CODE: 117554

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

Health: 1/1

Fire: 1/1

Reactivity: 0/0

Special/Protective Equipment: None/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:** Low toxicity. Small amounts of liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchopneumonia or pulmonary edema.

**SKIN CONTACT:** Causes moderate skin irritation.

**INHALATION:** Irritating to respiratory tract in high concentrations. Repeated or prolonged exposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation and increased incidence of infection.

**EYE CONTACT:** Causes severe eye irritation may damage tissue.

**CHRONIC EFFECTS:** None known.

**EFFECTS/CARCINOGENICITY:** This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

**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
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	25 min.	Not applicable	Not applicable
Anionic polyacrylamide copolymer 25085-02-3	1 min.	Not applicable	Not applicable
Ammonium chloride 12125-02-9	less than 2	10 mg/m <sup>3</sup>	Not applicable

### 4. FIRST AID MEASURES

**INGESTION:** DO NOT INDUCE VOMITING. Keep at rest. Get prompt medical attention. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor for breathing difficulty.

**SKIN:** Remove contaminated clothing. Wash skin with water, using soap if available. Get medical attention if irritation persists.

**4. FIRST AID MEASURES**

<b>INHALATION:</b>	Using proper respiratory protection, immediately remove the victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.
<b>EYES:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
<b>NOTES TO PHYSICIAN:</b>	None.

**5. FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT:</b>	<b>(F):</b> > 200° F <b>(C):</b> > 93.3° C
<b>METHOD:</b>	(SETA Flash cc)
<b>FLAMMABLE LIMITS IN AIR</b>	
<b>LOWER (%):</b>	1.39% @ 77° F
<b>UPPER (%):</b>	8.1% @ 77° F
<b>SENSITIVITY TO MECHANICAL IMPACT(Y/N):</b>	NO
<b>SENSITIVITY TO STATIC DISCHARGE:</b>	Sensitivity to static discharge is not expected.
<b>SUITABLE EXTINGUISHING MEDIA:</b>	Water fog, carbon dioxide, foam, dry chemical.
<b>FIRE FIGHTING PROCEDURES:</b>	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Use water spray to cool fire exposed surfaces, to protect personnel, and to isolate "fuel" supply from fire. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. <b>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.</b>

**6. ACCIDENTAL RELEASE MEASURES****SPILL PROCEDURES:**

<b>SMALL SPILLS:</b>	Contain with sand or earth, scoop up. Pick up with absorbant material. Flush residue with water.
<b>LARGE SPILLS:</b>	Advise authorities. Prevent liquid from entering sewers, watercourses, or low area. Contain spilled liquid with sand or earth. Consult an expert on disposal of recovered material and ensure conformity to all Federal, State, and local disposal regulations. Flush remainder with water.

<b>PERSONAL PRECAUTIONS:</b>	Not applicable
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Not applicable
<b>METHODS FOR CLEANING UP:</b>	Not applicable

**7. HANDLING AND STORAGE**

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	Keep container closed when not in use. Open container cautiously. Handle with care. Store in a cool, dry location away from incompatible materials. Store in a well ventilated area. <b>DO NOT</b> pressurize, weld, or heat containers. Empty containers may contain product residue. Do not reuse this container. Do not use aluminum, copper, or mild steel tanks, pumps or piping with this product. Store in glass, stainless steel, plastic, or epoxy-lined containers.
<b>OTHER PRECAUTIONS:</b>	No other spill procedures necessary.
<b>SPECIFIC USE(S):</b>	Not applicable.

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

<b>EXPOSURE CONTROLS:</b>	None known.
<b>RESPIRATORY PROTECTION:</b>	Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.
<b>PROTECTIVE GLOVES:</b>	Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.
<b>EYE PROTECTION:</b>	Safety glasses are recommended to minimize eye contact.
<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>	Use only in well ventilated area. General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE AND ODOR:</b>	Pale, milky white liquid with a characteristic hydrocarbon odor.
<b>BOILING POINT (F):</b>	Approx. 212 - 442° F (C) Approx. 100° C - 227.8° C
<b>VAPOR PRESSURE:</b>	< 10mm Hg @ 77° F
<b>VAPOR DENSITY (AIR=1):</b>	> 1
<b>SOLUBILITY IN WATER:</b>	Not determined
<b>SPECIFIC GRAVITY:</b>	1.05 - 1.08 @ 77° F
<b>VOC Content (%):</b>	Not determined
<b>EVAPORATION RATE:</b>	Less than 0.1 (BuAc=1)
<b>PH:</b>	Not determined

## 10. STABILITY AND REACTIVITY

<b>STABILITY DATA:</b>	STABLE
<b>POLYMERIZATION:</b>	Will Not Occur.
<b>HAZARDOUS DECOMPOSITION:</b>	Oxides of Carbon. Oxides of Nitrogen.
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	Oxidizing materials. Contact with water at a product content larger than approximately 2% (without vigorous agitation) results in a highly vicious and stringy material which is extremely slippery, difficult to clean up and can clog small drains.
<b>CONDITIONS/HAZARDS TO AVOID:</b>	None anticipated

## 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.
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## 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:
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	25 min.	Listed	Listed	Listed	Not Listed
Anionic polyacrylamide copolymer 25085-02-3	1 min.	Listed	Not Listed	Listed	Not Listed
Ammonium chloride 12125-02-9	less than 2	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	25 min.	Not Listed	Not Listed	Not Listed
Anionic polyacrylamide copolymer 25085-02-3	1 min.	Not Listed	Not Listed	Not Listed
Ammonium chloride 12125-02-9	less than 2	5000 lb 2270 kg	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Ammonium chloride 12125-02-9	less than 2	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:
Ammonium chloride 12125-02-9	less than 2	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:
Ammonium chloride 12125-02-9	less than 2	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:
Ammonium chloride 12125-02-9	less than 2	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 \*\*\*