



MATERIAL SAFETY DATA SHEET

REVISION DATE: 03/04/2015
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REVISION NUMBER: 1

1. CHEMICAL PRODUCT

PRODUCT NAME: **MIDFLOC 1360L**
PRODUCT CODE: 119736

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

Health: 1/1 Fire: 0/0
Reactivity: 0/0 Special/Protective Equipment: None/B

DISTRIBUTED BY: Rochester Midland Corporation Emergency Phone:
155 Paragon Drive INFOTRAC: 1-800-535-5053
Rochester, NY 14624 OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: No adverse health effects are expected from swallowing.
SKIN CONTACT: May cause mild skin irritation.
INHALATION: None in normal use.
EYE CONTACT: May cause mild eye irritation.
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
Quaternary ammonium polymer 26062-79-3	25 - 75	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: None known. Rinse mouth. DO NOT INDUCE VOMITING. Contact physician if irritation persists.
SKIN: Wash with soap and water. Get medical attention if irritation persists.
INHALATION: Move person to fresh air. Not a hazard under normal use conditions.
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: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): None to boiling (C): None to boiling
METHOD: Unknown

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.

MIDFLOC 1360L

SUITABLE EXTINGUISHING MEDIA: FIRE FIGHTING PROCEDURES:

Water. Carbon dioxide. Dry chemical. Foam.
Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Spills produce extremely slippery surfaces.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Pick up with absorbant material. Flush residue with water.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water. Be aware of potential for surfaces to become slippery.

PERSONAL PRECAUTIONS:

Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.

ENVIRONMENTAL PRECAUTIONS:

Do not contaminate water. As with all chemical products, do not flush into surface water.

METHODS FOR CLEANING UP:

Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid contact with skin and eyes. Store in a cool, dry area. Keep from freezing. Do not store near heat, sparks or flame.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

None normally required. NIOSH approved respirator if spray mist in air causes irritation.

PROTECTIVE GLOVES:

Chemical resistant gloves are recommended to minimize skin contact.

EYE PROTECTION:

Safety glasses are recommended to minimize eye contact.

OTHER PERSONAL PROTECTION EQUIPMENT:

Appropriate protective clothing as needed to prevent skin contact. 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.

VENTILATION:

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

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Clear amber liquid. Odorless.

BOILING POINT (F):

> 212°

(C) > 100°

VAPOR PRESSURE:

2.3 kPa @ 20° C

VAPOR DENSITY (AIR=1):

Not determined

SOLUBILITY IN WATER:

Not determined

SPECIFIC GRAVITY:

1.1 - 1.2

VOC Content (%):

Not determined

EVAPORATION RATE:

Not determined

PH:

5

10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

POLYMERIZATION:

Will Not Occur.

MIDFLOC 1360L

HAZARDOUS DECOMPOSITION: When heated to decomposition: Oxides of Carbon. Oxides of Nitrogen. Hydrogen chloride gas. Hydrogen Cyanide.
INCOMPATIBILITY (MATERIALS TO AVOID): None known.
CONDITIONS/HAZARDS TO AVOID: Extreme heat, direct sunlight. Freezing conditions. Moisture.

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:
Quaternary ammonium polymer 26062-79-3	25 - 75	Listed	Listed	Listed	Not Listed
PRODUCT COMPOSITION CAS#	%	CERCLA:			SA
Quaternary ammonium polymer 26062-79-3	25 - 75	Not listed			N

None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.

None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

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 SDS ***