

MIDFLOC 1314E, Anionic Flocculant Emulsion

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): > 201° F **(C):** > 93.9° C
METHOD: (SETA Flash cc)

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:

Water fog, carbon dioxide, foam, dry chemical.

FIRE FIGHTING PROCEDURES:

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Do not allow solution to evaporate to dryness. Spills produce extremely slippery surfaces. Containers can build up pressure if exposed to heat (fire).

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. Advise authorities. Prevent liquid from entering sewers, watercourses, or low area. Contain spilled liquid with sand or earth.

PERSONAL PRECAUTIONS:

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

ENVIRONMENTAL PRECAUTIONS:

NA

METHODS FOR CLEANING UP:

NA

7. HANDLING AND STORAGE

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

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. DO NOT 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.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

Eyewash stations. Showers.

RESPIRATORY PROTECTION:

Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV exceeded or if over exposure is likely.

PROTECTIVE GLOVES:

Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Goggles.

OTHER PERSONAL PROTECTION

Long sleeves.

EQUIPMENT:

VENTILATION:

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

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APPEARANCE AND ODOR: White. Translucent Liquid. Mild petroleum odor.
BOILING POINT (F): > 212° F @ 760 mm Hg (C) NA
VAPOR PRESSURE: < 10 mm Hg @ 77° F
VAPOR DENSITY (AIR=1): NE
SOLUBILITY IN WATER: Dispersible
SPECIFIC GRAVITY: 1.02 - 1.05 @ 25° C (77° F) (Water = 1)
VOC Content (%): NE
VOV Content (%): NE
EVAPORATION RATE: < 1 (n-BuAc = 1)
PH: NE

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Fumes. Smoke. Oxides of Carbon. Oxides of Hydrogen.
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing materials.
CONDITIONS/HAZARDS TO AVOID: Extreme heat, direct sunlight.

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:
Petroleum distillates 64742-94-5	25 max.	Listed	Listed	Listed	Not Listed
Ethylene glycol 107-21-1	< 4.5	Listed	Not Listed	Listed	Not Listed
Anionic polyacrylamide copolymer 25085-02-3	1 min.	Listed	Not Listed	Listed	Not Listed
Ammonium chloride 12125-02-9	< 5	Listed	Listed	Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Petroleum distillates 64742-94-5	25 max.	Not Listed	Not Listed	Not Listed
Ethylene glycol 107-21-1	< 4.5	2270 kg 5000 lb	Not Listed	Listed
Anionic polyacrylamide copolymer 25085-02-3	1 min.	Not Listed	Not Listed	Not Listed
Ammonium chloride 12125-02-9	< 5	2270 kg 5000 lb	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Ethylene glycol 107-21-1	< 4.5	Listed
Ammonium chloride 12125-02-9	< 5	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:
Ethylene glycol 107-21-1	< 4.5	Listed
Ammonium chloride 12125-02-9	< 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:
Ethylene glycol 107-21-1	< 4.5	Listed
Anionic polyacrylamide copolymer 25085-02-3	1 min.	Listed
Ammonium chloride 12125-02-9	< 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:
Ethylene glycol 107-21-1	< 4.5	Listed
Ammonium chloride 12125-02-9	< 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 ***