



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012

REVISION NUMBER: 2

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PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **CS-EZ, Total Cooling Water Treatment**

PRODUCT CODE: 107010

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

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: Large amounts may cause irritation, nausea, diarrhea. Low toxicity.

SKIN CONTACT: Moderate Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, itching, and dryness.

INHALATION: May cause mild respiratory irritation.

EYE CONTACT: Causes moderate 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
Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride] - eye irritant (in water solution) 31075-24-8	1.5	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: Drink several glasses of water or milk. Contact physician if irritation persists.

SKIN: Wash with soap and water. Remove contaminated clothing and launder before reuse.

INHALATION: Move person to fresh air.

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

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FLASH POINT:	(F): Not determined	(C): Not determined
METHOD:	None	
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.	
SUITABLE EXTINGUISHING MEDIA:	As appropriate for surrounding fire-product is mostly water and will not burn.	
FIRE FIGHTING PROCEDURES:	None.	

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:	Flush with water.
LARGE SPILLS:	Flush remainder with water. Keep out of drains, sewers, streams, or other bodies of water. Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

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:	Caution: Avoid contact with eyes, skin and clothing. Store only in original container and keep closed. Store in a cool, dry area.
OTHER PRECAUTIONS:	Keep from freezing. Do not reuse container.
SPECIFIC USE(S):	Do not contaminate water, food, or feed by storage or disposal.
	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	None normally required.
PROTECTIVE GLOVES:	Rubber or plastic gloves recommended to minimize skin contact.
EYE PROTECTION:	Safety Glasses. Goggles.
OTHER PERSONAL PROTECTION EQUIPMENT:	Appropriate protective clothing as needed to prevent skin contact.
VENTILATION:	Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Amber liquid. Mild odor.	
BOILING POINT (F):	212° F	(C) 100° C
VAPOR PRESSURE:	As water	
VAPOR DENSITY (AIR=1):	As water	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	1.074 @ 70° F	
VOC Content (%):	Not determined	
EVAPORATION RATE:	As water	
PH:	10 - 11	

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9. PHYSICAL AND CHEMICAL PROPERTIES

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Oxides of Carbon. Oxides of Nitrogen.
INCOMPATIBILITY (MATERIALS TO AVOID): Acids. Neutralizes active ingredients. Do not mix with:
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: Do not discharge effluent containing this active ingredient into lakes, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. 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:
Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride] - eye irritant (in water solution) 31075-24-8	1.5	Not Listed	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride] - eye irritant (in water solution) 31075-24-8	1.5	Not Listed	Not Listed	Not Listed

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 MSDS *****