



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012
DATE PRINTED: 04/19/2012

REVISION NUMBER: 2
PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **CS-2300S, Cooling Tower Treatment**

PRODUCT CODE: 119214

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

Health:	2/2	Fire:	1/1
Reactivity:	0/0	Special/Protective Equipment:	None/C

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
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2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION:	Irritation of the mouth, throat, and stomach.
SKIN CONTACT:	Causes mild skin irritation.
INHALATION:	May cause mild respiratory irritation.
EYE CONTACT:	Causes eye irritation. May Cause Eye Burns.
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
Salt of Aromatic Carboxylic Acid 532-32-1	50	Not applicable	Not applicable
Aliphatic amide hydrolysates Proprietary	< 10	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION:	Drink several glasses of water or milk. DO NOT INDUCE VOMITING. Contact Physician.
SKIN:	Wash with soap and water.
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.
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): Not determined (C): Not determined
determined
None

METHOD: Page 1 of 4

FLAMMABLE LIMITS IN AIR

LOWER (%): No data
UPPER (%): No data

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

SENSITIVITY TO STATIC DISCHARGE:

SUITABLE EXTINGUISHING MEDIA:

FIRE FIGHTING PROCEDURES:

NO
Sensitivity to static discharge is not expected.

Carbon Dioxide, Dry Chemicals, Foam.

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: Reclaim as much as possible.
LARGE SPILLS: Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers.

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:

Avoid contact with skin and eyes. Keep container closed when not in use. Store in a cool, dry area.

OTHER PRECAUTIONS:

Avoid breathing mist from solutions.

SPECIFIC USE(S):

No other spill procedures necessary.

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

If product is used in a manner which creates vapor or mist above recommended exposure limits, a NIOSH/MSHA approved organic respirator may be needed in the absence of proper environmental controls.

PROTECTIVE GLOVES:

Neoprene. Rubber gloves.

EYE PROTECTION:

Goggles.

OTHER PERSONAL PROTECTION EQUIPMENT:

Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible.

VENTILATION:

General mechanical or local exhaust as needed to maintain exposure below TLV or PEL.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

White. Solid. Characteristic odor.

BOILING POINT (F):

Not determined

(C) Not determined

VAPOR PRESSURE:

Not determined

VAPOR DENSITY (AIR=1):

Not determined

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

Not applicable

VOC Content (%):

Not determined

EVAPORATION RATE:

Not determined

PH: (1% solution) 7 - 8

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Oxides of Carbon. Oxides of Nitrogen.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, bases and oxidizing agents.
CONDITIONS/HAZARDS TO AVOID: None known.

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:
Salt of Aromatic Carboxylic Acid 532-32-1	50	Listed	Not Listed	Listed	Not Listed
Aliphatic amide hydrolysates Proprietary	< 10	Not Listed	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Salt of Aromatic Carboxylic Acid 532-32-1	50	Not Listed	Not Listed	Not Listed
Aliphatic amide hydrolysates Proprietary	< 10	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Salt of Aromatic Carboxylic Acid 532-32-1	50	Uncontrolled product according to WHMIS classification criteria

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 *****