



Revision Date 04/29/2015

# SAFETY DATA SHEET

REVISION NUMBER: 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** CS-2300S, Cooling Tower Treatment

### Other means of identification

**Product code** 119214

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Water treatment chemical.

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

See Distributor information.

#### **Importer**

Rochester Midland Canada Corporation

143 Mills Road

Ajax, ON L1S 2H2

Canada

905-619-6738

#### **Distributor**

Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624 USA  
(585) 336-2200

#### Emergency telephone number

#### **EMERGENCY TELEPHONE**

INFOTRAC: 1-800-535-5053  
OUTSIDE U.S.: +1-352-323-3500  
CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

#### **Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)  
This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

Serious eye damage/eye irritation

Category 2A

### Label elements

#### **Emergency Overview**

#### **WARNING**

#### **Hazard statements**

Causes serious eye irritation

**Appearance** White**Physical state** Solid**Odor** Characteristic**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

**Precautionary Statements - Response**

Call a POISON CENTER or doctor/physician if you feel unwell  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

**Hazards not otherwise classified (HNOC)**

No information available

**Other Information**

- May be harmful if swallowed
- Harmful to aquatic life with long lasting effects.

**Unknown Acute Toxicity** 50% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
Aliphatic amide hydrolysates	Proprietary	< 10	

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**4. FIRST AID MEASURES****First aid measures**

**General advice** Call a POISON CENTER or doctor/physician if you feel unwell.

**Eye contact** IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin contact** IF ON SKIN: Wash with soap and water.

**Inhalation** IF INHALED: Remove to fresh air.

**Ingestion** IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Cool exposed containers with water spray after extinguishing fire. Use water spray or fog; do not use straight streams.

#### **Small Fire**

NOTE: Solid product will melt and combustion may occur when exposed to fire.

#### **Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

### **Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

#### **Explosion data**

**Sensitivity to Mechanical Impact** None.  
**Sensitivity to Static Discharge** None.

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

#### **Personal precautions**

Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection. Remove all sources of ignition. Ventilate affected area.

#### **Environmental precautions**

#### **Environmental precautions**

See Section 12 for additional ecological information.

#### **Methods and material for containment and cleaning up**

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for cleaning up**

Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers. Use clean non-sparking tools to collect absorbed material. Keep out of drains, sewers, streams, or other bodies of water.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

#### **Advice on safe handling**

Use personal protection recommended in Section 8. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Wash thoroughly after handling. Use only with adequate ventilation.

### **Conditions for safe storage, including any incompatibilities**

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep/store only in original container. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not reuse container. Store in accordance with local regulations. Store in a dry location away from heat and direct sunlight. Store in a cool, dry location away from incompatible materials. Keep away from food, drink and animal feeding stuffs.

#### **Incompatible materials**

Oxidizing materials. Strong acids. Strong alkalies.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls****ENGINEERING CONTROLS**

Showers  
Eyewash stations  
Ventilation systems.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses or goggles to protect against exposure.

**Skin and body protection**

Chemical resistant gloves are recommended to minimize skin contact. 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.

**RESPIRATORY PROTECTION**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties

<b>Physical state</b>	Solid	<b>Odor</b>	Characteristic
<b>Appearance</b>	White	<b>Odor threshold</b>	No information available
<b>Color</b>	No information available		
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<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	7	(1% solution)	
<b>Melting point/freezing point</b>	No information available		
<b>Boiling point / boiling range</b>	No information available		
<b>Flash point</b>	No information available		
<b>Evaporation rate</b>	No information available		
<b>Flammability (solid, gas)</b>	No information available		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>	No information available		
<b>Lower flammability limit:</b>	No information available		
<b>Vapor pressure</b>	No information available		
<b>Vapor density</b>	No information available		
<b>Specific gravity</b>	No information available		
<b>Water solubility</b>	No information available		
<b>Solubility in other solvents</b>	No information available		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	No information available		
<b>Decomposition temperature</b>	No information available		
<b>Kinematic viscosity</b>	No information available		
<b>Dynamic viscosity</b>	No information available		
<b>Explosive properties</b>	No information available		
<b>Oxidizing properties</b>	No information available		

Other Information

<b>Softening point</b>	No information available
<b>VOC (EPA METH.24) (G/L):</b>	No information available

<b>Density</b>	No information available
<b>Bulk density</b>	No information available

## 10. STABILITY AND REACTIVITY

### REACTIVITY

No data available

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

None under normal processing.

### **CONDITIONS TO AVOID**

Extremes of temperature and direct sunlight.

### **Incompatible materials**

Oxidizing materials. Strong acids. Strong alkalies.

### **Hazardous Decomposition Products**

Carbon Monoxide. Carbon dioxide (CO<sub>2</sub>). Oxides of Nitrogen.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	May be harmful if swallowed. Serious eye damage/eye irritation.
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	Severely irritating to eyes.
<b>Skin contact</b>	No data available.
<b>Ingestion</b>	May be harmful if swallowed.

### Information on toxicological effects

<b>Symptoms</b>	No information available.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>OTHER ADVERSE EFFECTS:</b>	Not applicable.
<b>Aspiration hazard</b>	No information available.

### Numerical measures of toxicity - Product Information

<b>Unknown Acute Toxicity</b>	50% of the mixture consists of ingredient(s) of unknown toxicity
<b>The following values are calculated based on chapter 3.1 of the GHS document .</b>	
<b>ATEmix (oral)</b>	2100 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

50% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Do not reuse container.

**14. TRANSPORT INFORMATION****DEPT. OF TRANSPORTATION**

<b>Proper shipping name</b>	Not Regulated by DOT
<b>TDG</b>	Not Regulated

**15. REGULATORY INFORMATION****International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Does not Comply
<b>ENCS</b>	Does not Comply
<b>IECSC</b>	Does not Comply
<b>KECL</b>	Does not Comply
<b>PICCS</b>	Does not Comply
<b>AICS</b>	Does not Comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

ACUTE HEALTH HAZARD	YES
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
Sudden release of pressure hazard	No
REACTIVE HAZARD	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations****U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION****NFPA**

Health hazards 2

Flammability 0

Instability 0

Physical and Chemical Properties -

**HMIS**

Health hazards 2

Flammability 0

Physical hazards 0

Personal protection C

Prepared By EH&S DEPARTMENT

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Revision Note

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

\*\*\* END OF SDS \*\*\*