



**24 Hour Emergency Telephone  
3E Company (800) 451-8346**

NOTE: 3E Company emergency number to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident. For routine questions or application information, please call Mid-West Solutions 219-661-8230

**MSDS Material Safety Data Sheet**  
**CS-500 Biodegradable, All-In-One Cooling Tower Treatment** Revision Date: August 1, 2005

**SECTION I - PRODUCT IDENTIFICATION**

Product/Chemical Name: CS-500 Biodegradable, All-In-One Cooling Tower Treatment  
Proper Shipping Name: NOT REGULATED BY DOT  
Hazard Class: NON-HAZARDOUS (DOT)  
Hazard ID#: N/A  
Completed by and Phone Number: Donald Carr (219) 661-8230

**SECTION II - HAZARDOUS COMPONENTS**

Hazardous Ingredient Name	CAS Number	% By Weight	OSHA PEL	ACGIH TLV
None - The Ingredients are non-toxic, non-hazardous and biodegradable.	N/A	N/A	N/A	N/A

**SECTION III - PHYSICAL DATA**

Boiling Point (Degrees F): 221° F  
Evaporation Rate: AS WATER  
Vapor Pressure (mm Hg): AS WATER  
Vapor Density (Air= 1): AS WATER  
Solubility In Water: SOLUBLE  
Appearance and Odor: Tan liquid with slight odor.

Specific Gravity: 1.03  
Percent Volatile: N/D

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used): N/A  
HMIS and NFPA: HEALTH: 0 FIRE: 0 REACTIVITY: 0  
Reactivity: 0  
Extinguishing Media: AS NEEDED FOR SURROUNDING FIRE  
Special Fire Fighting Instructions: NONE  
Unusual Fire and Explosion Hazards: NONE

LEL: NONE  
UEL: NONE

**SECTION V - HEALTH HAZARD INFORMATION**

Threshold Limit Value: NONE  
Permissible Exposure Limit: NONE

**MSDS Material Safety Data Sheet****CS-500 Biodegradable, All-In-One Cooling Tower Treatment** Revision Date: August 1, 2005**\*\*\*Acute Effects \*\*\***

Inhalation: NON-TOXIC, NO KNOWN INHALATION EFFECTS

Skin: NON-TOXIC, NO KNOWN SKIN EFFECTS.

Eye: MAY CAUSE SLIGHT EYE IRRITATION IN SOME INDIVIDUALS.

Ingestion: MAY CAUSE MILD DIARRHEA IF INGESTED IN SIGNIFICANT QUANTITIES.

**\*\*\* First Aid \*\*\***

Inhalation: NONE.

Skin: NON-TOXIC. GOOD INDUSTRIAL HYGIENE RECOMMENDS WASHING SKIN WITH SOAP AND WATER IF EXPOSED. ALSO, WASH HANDS BEFORE EATING OR DRINKING.

Eye: FLUSH WITH WATER. CONSULT PHYSICIAN IF IRRITATION DEVELOPS.

Ingestion: DRINK WATER TO DILUTE. CONSULT PHYSICIAN IF DIARRHEA DEVELOPS

**\*\*\* Medical Conditions Generally Aggravated By Exposure \*\*\***  
NONE.

**SECTION VI - REACTIVITY DATA**

Stability: STABLE

Incompatibility (Materials to Avoid): NONE

Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY OCCUR AT TEMPERATURES OVER 195°F. ALL DECOMPOSITION PRODUCTS ARE BENIGN.

Hazardous Polymerization: WILL NOT OCCUR

**SECTION VII - SPILL OR LEAK PROCEDURES**

Spill, Leak or Release: CS-500 IS NON-TOXIC, NON-HAZARDOUS AND BIODEGRADABLE, HOWEVER, DUE TO THE COST OF THE PRODUCT, WE RECOMMEND RECOVERING AS MUCH OF THE SPILLED PRODUCT AS POSSIBLE FOR REUSE.

Waste Disposal: CS-500 IS NON-TOXIC, NON-HAZARDOUS AND BIODEGRADABLE AND IS SAFE TO WASH DOWN THE SANITARY SEWER OR SEPTIC SYSTEMS SUBJECT TO LOCAL REGULATIONS.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

Respiratory Protection: NOT REQUIRED.

Ventilation: GENERAL MECHANICAL VENTILATION IS ADEQUATE.

Protective Clothing/Equipment: NOT REQUIRED.

Eye Protection: NOT REQUIRED; HOWEVER, SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES ARE RECOMMENDED WHEN HANDLING EVEN NON-TOXIC LIQUIDS.

Other Protective Equipment: NONE REQUIRED.

Comments: NEVER EAT, DRINK, OR SMOKE IN WORK AREAS. PRACTICE GOOD PERSONAL HYGIENE AFTER USING THIS MATERIAL.

**SECTION IX - SPECIAL PRECAUTIONS**

Storage and Handling Conditions: KEEP CONTAINERS CLOSED WHEN NOT IN USE. RECOMMEND STORAGE TEMPERATURE BETWEEN 50° F and 100° F. KEEP FROM FREEZING.

**SECTION X - STATE LISTS**



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# MSDS Material Safety Data Sheet

## CS-500 Biodegradable, All-In-One Cooling Tower Treatment

Revision Date: August 1, 2005

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): THIS PRODUCT DOES NOT CONTAIN ANY COMPONENTS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY ABOVE NO SIGNIFICANT RISK LEVELS.

Michigan Criticals Materials Register: WE HEREBY STATE THAT CS-500 DOES NOT CONTAIN ANY OF THE COMPONENTS LISTED IN THE ABOVE.

### ADDITIONAL PRODUCT INFORMATION

\*\*\* Carcinogens as Defined By \*\*\*

NTP : NONE  
IARC: NONE  
OSHA: NONE

\*\*\* Environmental Information \*\*\*

SARA Title III(Superfund Amendments and Reauthorization Act)

THIS PRODUCT CONTAINS NO TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act)

NONE.

RCRA (Resource Conservation and Recovery Act) Listed Hazardous Waste

NONE

FDA (Food and Drug Administration)

N/A

TSCA (Toxic Substances Control Act) Applicability

NOT APPLICABLE - PRODUCT IS NON-TOXIC.

FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act)

THIS PRODUCT IS NOT A REGISTERED PESTICIDE.

### Other Information

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of our knowledge as of the date issued. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use are beyond our control, Mid-West Solutions, Inc. makes no warranty, expressed or implied, regarding the accuracy of such data or its suitability for any purchaser's use or for any consequence of its use. The data in this MSDS relates only to the specific material designated here in and does not relate to use in combination with any other material or in any process. Safe handling and use remains the responsibility of the purchaser. Mid-West Solutions, Inc. assumes no responsibility for injury to the recipient or to third persons or for any damage to any property and the recipient assumes all such risks.

- End of MSDS -