



P.O. Box 195, Brownsburg, IN 46112  
 Ph: 317-852-8966  
**Emergency Telephone No: 800-535-5053**

### MATERIAL SAFETY DATA SHEET

#### I. PRODUCT IDENTIFICATION

Product Name or Chemical Name.....**CWT-228S**  
 Synonyms.....Cooling Water Treatment  
 Chemical Family.....Scale and Corrosion Inhibitor  
 NFPA – Health Hazard.....2  
     Fire Hazard.....0  
     Reactivity Hazard.....0  
 NFPA Scale.....4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

#### II. HAZARDOUS INGREDIENTS

<u>Chemical Name(s)</u>	<u>CAS Number</u>	<u>% Wt</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>SEC.313</u>	<u>Carcinogen?</u>
None	N/A	N/A	N/A	N/A	No	N/A

#### III. SHIPPING DATA

DOT Proper Shipping Name:.....N/A  
 DOT Hazard Class.....N/A  
 DOT Labels Required.....N/A  
 UN/NA ID Number.....N/A  
 Packaging Group.....N/A  
 Non-Bulk Shipping Name.....Compounds, Industrial Process Water Treating, Liquid  
 Bulk Shipping Name.....Same

#### IV. PHYSICAL DATA

Boiling/Freezing Point @760 mmHg.....212°F (100°C)/ND  
 pH.....12.2  
 Vapor Pressure mmHg @20°C.....ND  
 Vapor Density (Air=1).....>1  
 Percent Volatile by Weight (%).....80  
 Specific Gravity @20°C.....1.06  
 Solubility in Water.....Complete  
 Evaporation Rate.....(Water=1) <1  
 Appearance and Odor.....Amber colored liquid with mild odor.

#### V. FIRE & EXPLOSION HAZARD DATA

Flash Point (Test Method).....N/A  
 Autoignition Temperature.....N/A  
 Flammability Limits in Air (% V).....N/A  
 Extinguishing Media.....Not Combustible  
 Special Fire Fighting Procedures.....Cool fire exposed drums with water to prevent steam rupture.  
 Unusual Fire & Explosion Hazards.....N/A

#### VI. REACTIVITY DATA

Product Stability.....Stable  
     Conditions to Avoid.....Temperatures above 210°F  
 Chemical Incompatibility.....N/A  
 Hazardous Decomposition Products.....None known  
 Hazardous Polymerization.....Will not occur



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VII. HEALTH HAZARD DATA

Skin Contact .....May cause irritation, burns upon extended contact.  
 Eye Contact .....May cause irritation and burns upon contact.  
 Inhalation .....May cause irritation to respiratory tract.  
 Ingestion .....Irritation of gastrointestinal system may occur.

VIII. EMERGENCY AND FIRST AID PROCEDURES

Skin.....Remove contaminated clothing and flush exposed skin with soap and water. If irritation persists or develops, get medical attention. Launder contaminated clothing before reuse.  
 Eyes.....Immediately flush eyes with large amounts of water for 15 minutes and get medical attention.  
 Ingestion .....If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately. Never give anything by mouth to an unconscious person.  
 Inhalation .....Move to fresh air. Aid in breathing, if necessary, and get medical attention.

IX. ENVIRONMENTAL DATA

Spill or Leak Procedures ..... Avoid skin contact. Neutralize and flush with large amounts of water to sanitary sewer.  
 Waste Disposal..... Dispose of in accordance with all federal, state and local regulations.  
 Hazardous Water 40CFR261..N/A  
 Container Disposal ..... Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse, or disposal in accordance with governmental regulations.

X. SPECIAL PROTECTION INFORMATION

Respiratory Protection ..... Respirator not required with most applications.  
 Ventilation..... Local exhaust is generally sufficient to minimize exposure.  
 Protective Clothing ..... Neoprene gloves, apron, boots – as necessary to prevent skin contact.  
 Eye Protection ..... Chemical goggles.  
 Other Precautions..... Safety shower and eyewash fountains should be easily accessible.

XI. SUPPLIER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of manufacturer. The data on this sheet relates only to the specific material designated herein. Manufacturer assumes no legal responsibility for use or reliance upon this data.

N/A = Not Available  
 ND = Not Determined  
 NE = Not Established

Issue Date: 2/09  
 Revised Date: 7/06