

1. Product and Company Identification

Product Code:	CWT	
Product Name:	CWT Cooling Water Treatment	
Company Name:	Casco Products Company, Inc. P.O. Drawer 850 Brookhaven, MS 39602	
Email address:	cascoproducts@bellsouth.net	
Emergency Contact:	Chemtrec	(800)424-9300
	Casco	(601)833-8699
Information:	Casco	(601)833-8699

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 1C
Serious Eye Damage/Eye Irritation, Category 1
Aquatic Toxicity (Acute), Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H401: Toxic to aquatic life.

GHS Precaution Phrases: P260: Do not breathe {dust/fume/gas/mist/vapors/spray}.
P264: Wash {hands} thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

GHS Response Phrases: P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.
P321: Specific treatment {see ... on this label}.
P330: Rinse mouth.
P363: Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P405: Store locked up.
P501: Dispose of contents/container according to Federal, State and Local Authorities.

SAFETY DATA SHEET

CWT Cooling Water Treatment

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Potential Health Effects (Acute and Chronic): Irritating and burning to eyes and skin contact. Potential irreversible eye damage depending on exposures, up to and including blindness.
Irritating to mucous membranes if exposed to mist or vapors from concentrate.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	~16.0 %	
7732-18-5	Water	~84.0 %	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Move to fresh air. If person is not breathing, give artificial respiration, preferably mouth to mouth. Call 911 or seek medical attention immediately.

In Case of Skin Contact: Wash with plenty of soap and water for at least 15 minutes. Seek medical attention for treatment of chemical burns.

In Case of Eye Contact: Flush eye with water for at least 15-20 minutes, while holding lid open. If contacts are present, remove after the first 5 minutes and continue rinsing eyes. Seek medical attention.

In Case of Ingestion: Keep person calm. If conscious give sips of water. Seek medical attention or call a poison control center. Do not induce vomiting unless told to do so by a poison control center.

5. Fire Fighting Measures

Flash Pt: > 200.00 F Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Water, CO2, Foam

Fire Fighting Instructions: Cool fire exposed containers with water spray. Firefighters should wear a self contained breathing apparatus if exposed to fumes.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: See PPE/Exposure section.

Steps To Be Taken In Case Material Is Released Or Spilled: Clean up with absorbent materials and dispose of properly.
Wash down area of spill. Prevent exposure to aquatic organisms.

7. Handling and Storage

Precautions To Be Taken in Handling: Keep away from skin and eyes. Remove any contaminated clothing immediately.

Precautions To Be Taken in Storing: Keep in cool, dry area in original containers.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	No data.	No data.	No data.
7732-18-5	Water	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Use in well ventilated area. If irritation occurs or exposure limits are exceeded, use NIOSH full face respirator with approved vapor cartridges.

Eye Protection: Use full face shield if splashing is likely to occur. Chemical goggles during handling.

Protective Gloves: Rubber, Neoprene or Nitrile gloves.

Other Protective Clothing: Clothing impervious to chemical exposure.

Engineering Controls (Ventilation etc.): No data available.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Appearance: Clear Colourless Liquid
Odor: Benzaldehyde-like odor

pH: 6-8

Melting Point: No data.

Boiling Point: No data.

Flash Pt: > 200.00 F Method Used: Pensky-Marten Closed Cup

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): ~ 44 MM_HG at 68.0 F

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): ~ 1.0

Solubility in Water: No data.

Octanol/Water Partition Coefficient: No data.

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: No data.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Strong oxidizing agents

Incompatibility - Materials To Avoid: Strong oxidizing agents

Hazardous Decomposition or Byproducts: No data available.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - No data available.

SAFETY DATA SHEET

CWT Cooling Water Treatment

Hazardous Reactions:

11. Toxicological Information

Toxicological Information: No data available.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of in accordance with Federal, State and Local authorities.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Disinfectants, liquid, corrosive n.o.s. (Quaternary ammonia chlorides), 8. PG III
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN1903 **Packing Group:** III



15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No	No	No
7732-18-5	Water	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Acute (immediate) Health Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reactive Hazard

16. Other Information

Revision Date: 11/02/2015

Hazard Rating System:

HEALTH		1
FLAMMABILITY		1
PHYSICAL		1
PPE		D

NFPA:

Flammability	Instability
Health	Special Hazard

HMIS:

Additional Information About This Product: No data available.

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