

CWT 530**1****PRODUCT AND COMPANY IDENTIFICATION**

Product Identifier: CWT 530
Common Name: Mixture
SDS Number: 0144
Product Code: CT0032
Revision Date: 6/28/2019
Version: 3
Product Use: Cooling Water Treatment
Supplier Details: U.S. Water, a Kurita company
12270 43rd St. NE
St. Michael, MN 55376
Contact: Non-emergency #: 866-663-7632
Email: SDS@uswaterservices.com
Web: www.uswaterservices.com

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US & Canada: 800-255-3924
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2**HAZARDS IDENTIFICATION****Classification of the Substance or Mixture****GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Health, Acute toxicity, 5 Oral
Health, Skin corrosion/irritation, 1

GHS Label Elements, Including Precautionary Statements**GHS Signal Word:** **DANGER****GHS Hazard Pictograms:****GHS Hazard Statements:**

H303 - May be harmful if swallowed
H314 - Causes severe skin burns and eye damage

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P281 - Use personal protective equipment as required.
P302+352 - IF ON SKIN: Wash with soap and water.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

PPE recommendation is advisory only and based on typical use conditions. An industrial hygienist or safety officer familiar with the specific situation of anticipated use must determine actual PPE required when using this

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product (29 CFR 1910.132)

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
1310-73-2	1-5%	Sodium hydroxide
64665-57-2	1-5%	Sodium Tolytriazole(1H-Benzotriazole, 4(or 5)-methyl-, sodium salt)

4 FIRST AID MEASURES

Inhalation: Remove from contamination. If person has stopped breathing administer artificial respiration. Seek medical attention.

Skin Contact: Wash off with soap and plenty of water. Remove contaminated garments and wash or destroy. Seek medical attention if irritation develops.

Eye Contact: Flush eyes with plenty of running water for 15 minutes. Seek medical attention.

Ingestion: If conscious, give plenty of water. Seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

Most important symptoms & effects (acute & delayed): No data available

Indication of need for immediate medical attention: No data available

Special treatment needs: No data available

5 FIRE FIGHTING MEASURES

Flammability: Not flammable

Flash Point: None

Flash Point Method: Pensky Martens Closed cup

Burning Rate: No data available

Autoignition Temp: No data available

LEL: Not applicable

UEL: Not applicable

Extinguishing Media:

Suitable: Use extinguishing media suitable for surrounding fire.

Unsuitable: No information available

Hazardous combustion products: Thermal decomposition under fire conditions may produce carbon monoxide, carbon dioxide, oxides of nitrogen, phosphorus and sulfur, hydrogen chloride.

Unusual Fire or Explosion Hazards: None known

Special protective equipment/precautions: Wear self-contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective equipment, emergency procedures: Avoid contact with the material. See section 8 of SDS for PPE recommendations

Environmental Precautions: Keep runoff from entering drains or waterways

Spill/Leak procedures: Spill may be slippery. Contain spill or leak. Dike area if necessary to prevent spill from spreading or entering sewers and waterways. Recover as much as possible then absorb remainder with inert material. Place into closed container for disposal.

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Regulatory Requirements: Dispose of recovered material in accordance with all applicable state and federal regulations.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Do not taste or swallow. Do not inhale vapor or mist. Use with adequate ventilation. For industrial use only!

Storage Requirements: Keep away from children. Store in closed containers away from temperature extremes and incompatible materials. Use within one year of receipt. Store in properly labeled containers in accordance with all local, state and federal guidelines.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide local exhaust ventilation as needed to control misting.

Personal Protective Equipment:

Respiratory protection: If needed use MSHA/NIOSH approved respirator for dusts and mists. Seek professional advice prior to respirator selection and use. Follow all requirements of OSHA respirator regulations (29 CFR 1910.134)

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

General Hygiene: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, using the toilet, or applying cosmetics.

PPE recommendation is advisory only and based on typical use conditions. An industrial hygienist or safety officer familiar with the specific situation of anticipated use must determine actual PPE required when using this product (29 CFR 1910.132)

Exposure Limits: Sodium Hydroxide

OSHA (TWA)/PEL: 2 mg/m³ (C)

ACGIH (TWA/TLV): 2 mg/m³ (C)

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, amber color

Physical State: Liquid

Odor Threshold: Not determined

Spec Grav./Density: 10.09 lb/gal

Viscosity: Not determined

Boiling Point: Similar to water

Partition Coefficient: Not determined

Vapor Pressure: ~18 mm Hg

pH: 12.5-13.5

Evap. Rate: Not determined

Decomp Temp: Not determined

Odor: Acrid odor

Solubility: Complete in water

Freezing/Melting Pt.: -3°C / 25°F

Flash Point: Not determined

Vapor Density: < 1 (Air=1)

VOC: 0% (w/w)

UFL/LFL: Not determined

CWT 530**10 STABILITY AND REACTIVITY**

Chemical Stability: Product is stable under normal storage and use conditions.
Conditions to Avoid: Avoid temperature extremes. Protect from freezing
Materials to Avoid: Strong oxidizing agents, strong acids
Hazardous Decomposition: None under normal storage conditions. See section 5 of SDS.
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available
Skin Corrosion/Irritation: No data available
Serious eye damage/irritation: No data available
Respiratory or skin sensitization: No data available
Specific target organ toxicity (single exposure): No data available
Specific target organ toxicity (repeated exposure): No data available
Aspiration hazard: No data available
Carcinogenicity: No carcinogenic effects are known for the components of this product
Germ Cell Mutagenicity: No mutagenic effects are known for the components of this product
Teratogenicity: No teratogenic effects are known for the components of this product

12 ECOLOGICAL INFORMATION**Aquatic Toxicity**

<i>Ceriodaphnia dubia</i>	48 hr	LC50	1414 mg/L	IC25	190 mg/L
<i>Daphnia magna</i>	48 hr	LC50	3536 mg/L	IC25	740 mg/L
<i>Fathead Minnows</i>	96 hr	LC50	4218 mg/L	IC25	1100 mg/L
<i>Rainbow Trout</i>	96 hr	LC50	530 mg/L		

Elimination (persistence & degradability): No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Other adverse effects: No data available

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

This material should be fully characterized for toxicity and possible reactivity prior to disposal (40 CFR 261). Use which results in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

14 TRANSPORT INFORMATION

UN3267, Corrosive liquid, basic, organic, n.o.s., (Sodium Hydroxide, Sodium Tolytriazole), 8, PG III

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REGULATORY INFORMATION

Component (CAS#) [%] - CODES

RQ(1000LBS), Sodium hydroxide (1310-73-2) [1-5%] CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

Sodium Tolytriazole(1H-Benzotriazole, 4(or 5)-methyl-, sodium salt) (64665-57-2) [1-5%] TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory CODE Descriptions

RQ = Reportable Quantity

CERCLA = Superfund clean up substance

CSWHS = Clean Water Act Hazardous substances

MASS = MA Massachusetts Hazardous Substances List

OSHA WAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

TSCA: All components of this product are listed (or are not required to be listed) in the TSCA inventory

EPA / CERCLA / SARA TITLE III:

Toxic Chemical List (SARA 313): This product does not contain any chemicals subject to routine annual toxic chemical release reporting.

Extremely Hazardous Substance (SARA 302/304): This product does not contain any extremely hazardous substances subject to emergency planning requirements.

SARA 312: Acute

RCRA: Corrosive, D002

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OTHER INFORMATION

PPE



Author: U.S. Water, a Kurita company

Revision Notes: Updated to GHS format

Disclaimer:

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performance / guarantee. This information only describes safety measures and no liability may arise from the use or application of the product described herein. This information is given in good faith and based on our current knowledge of the product.

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