

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

**Product Identifier:** CWT 530  
**Common Name:** Mixture  
**SDS Number:** 0144  
**Product Code:** CT0032  
**Revision Date:** 5/4/2015  
**Version:** 3  
**Internal ID:** 200C  
**Product Use:** Water Treatment  
**Supplier Details:** U.S. Water Services  
12270 43rd St. NE  
St. Michael, MN 55376

**Contact:** Non-emergency #: 866-663-7632  
**Email:** SDS@uswaterservices.com  
**Web:** www.uswaterservices.com

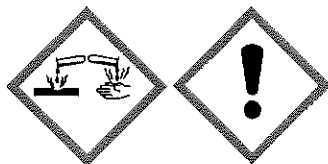
**EMERGENCY RESPONSE: (ChemTel)**  
**US & Canada: 800-255-3924**  
**International: +01-813-248-0585**

**2 HAZARDS IDENTIFICATION****Classification of the substance or mixture****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):**

Health, Serious Eye Damage/Eye Irritation, 1  
Health, Skin corrosion/irritation, 2  
Health, Specific target organ toxicity - Single exposure, 3  
Health, Acute toxicity, 5 Inhalation  
Health, Acute toxicity, 4 Oral

**GHS Label elements, including precautionary statements**

**GHS Signal Word:** DANGER

**GHS Hazard Pictograms:****GHS Hazard Statements:**

H318 - Causes serious eye damage  
H315 - Causes skin irritation  
H335 - May cause respiratory irritation  
H333 - May be harmful if inhaled  
H302 - Harmful if swallowed

**GHS Precautionary Statements:**

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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

**3 COMPOSITION/INFORMATION ON INGREDIENTS****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

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**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.

**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:** HMIS PP, C | Safety Glasses, Gloves, Apron

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/m<sup>3</sup> (C)

ACGIH (TWA/TLV): 2 mg/m<sup>3</sup> (C)

**CWT 530****9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear, amber color	<b>Odor:</b>	Acrid odor
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Complete in water
<b>Odor Threshold:</b>	Not determined	<b>Freezing/Melting Pt.:</b>	25°F
<b>Spec Grav./Density:</b>	10.09 lb/gal	<b>Flash Point:</b>	Not determined
<b>Viscosity:</b>	Not determined	<b>Vapor Density:</b>	< 1 (Air=1)
<b>Boiling Point:</b>	Similar to water	<b>VOC:</b>	0% (w/w)
<b>Partition Coefficient:</b>	Not determined	<b>UFL/LFL:</b>	Not determined
<b>Vapor Pressure:</b>	~18 mm Hg		
<b>pH:</b>	12.8		
<b>Evap. Rate:</b>	Not determined		
<b>Decomp Temp:</b>	Not determined		

**10 STABILITY AND REACTIVITY**

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

**11 TOXICOLOGICAL INFORMATION**

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

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**ECOLOGICAL INFORMATION**
**Aquatic Toxicity**

Species	Acute LC50 48 Hr	Acute LC50 96 Hr	Acute Survival NOEC	Acute Survival LOEC	Chronic Reprod/ Growth NOEC	Chronic Reprod/ Growth LOEC	Chronic IC25	Chronic Survival NOEC	Chronic Survival LOEC
Water flea <i>Ceriodaphnia dubia</i>	1414 mg/L	--	1000 mg/L	2000 mg/L	100 mg/L	200 mg/L	190 mg/L	800 mg/L	1600 mg/L
Water flea <i>Daphnia magna</i>	3536 mg/L	--	2500 mg/L	5000 mg/L	560 mg/L	1670 mg/L	740 mg/L	560 mg/L	1670 mg/L
Fathead minnow <i>Pimephales promelas</i>	--	4218 mg/L	2500 mg/L	5000 mg/L	500 mg/L	1000 mg/L	1100 mg/L	1000 mg/L	2000 mg/L
Sheepshead minnow <i>Cyprinodon variegatus</i>	--	22,600 mg/L	10,000 mg/L	20,000 mg/L	--	--	--	--	--
Rainbow trout <i>Oncorhynchus mykiss</i>	--	530 mg/L	375 mg/L	750 mg/L	--	--	--	--	--
Amphipod crustacean <i>Hyotella azteca</i>	1270 mg/L	--	1000 mg/L	2000 mg/L	--	--	--	--	--
Blackworm <i>Lumbriculus variegatus</i>	--	2320 mg/L	1000 mg/L	2000 mg/L	--	--	--	--	--
Midge <i>Chironomus dilutus</i>	19,600 mg/L	--	12,500 mg/L	25,000 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

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**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.

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**TRANSPORT INFORMATION**

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

DOT Transportation data (49 CFR 172.101)

See section 15 for Information on Reportable Quantity chemicals (RQ)

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**15****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****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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**16****OTHER INFORMATION**

HMIS III: Health = 3, Fire = 0, Physical Hazard = 1

HMIS PPE: C - Safety Glasses, Gloves, Apron

HMIS	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	C

**Author:** U.S. Water Services**Revision Notes:** Updated to GHS format**Disclaimer:**

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