

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

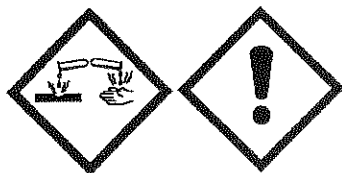
2 HAZARDS IDENTIFICATION**Classification of the substance or mixture****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):**

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:

CWT 530

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

CWT 530

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/m³ (C)

ACGIH (TWATLV): 2 mg/m³ (C)

CWT 530**9 PHYSICAL AND CHEMICAL PROPERTIES**

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

10 STABILITY AND REACTIVITY

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

CWT 530

12

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>Cypinodon 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>Hyatella 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 (persistency & 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., 8, PGIII, (Sodium Hydroxide, Sodium Tolytriazole)

DOT Transportation data (49 CFR 172.101)

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

CWT 530

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 = 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

CWT 530

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:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s). The above information is not claiming characteristics of the product in term of legal claims of 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.