

CWT 405

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: CWT 405
Common Name: MIXTURE
SDS Number: 0333
Product Code: CT0108
Revision Date: 1/8/2015
Version: 1
Internal ID: 210C
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, 2 A
Health, Acute toxicity, 5 Oral
Health, Specific target organ toxicity - Single exposure, 3
Health, Skin corrosion/irritation, 3
Health, Skin sensitization, 1

GHS Label elements, including precautionary statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H319 - Causes serious eye irritation
H303 - May be harmful if swallowed
H335 - May cause respiratory irritation
H316 - Causes mild skin irritation
H317 - May cause an allergic skin reaction

GHS Precautionary Statements:

P281 - Use personal protective equipment as required.

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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.

P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P313 - Get medical advice/attention.

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 product (29 CFR 1910.132)

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Proprietary alkylamide hydrolysates: 15%

CAS#: Proprietary; Use NJTS No. TSNR 989-383-230-0604 as equivalent

4 FIRST AID MEASURES

Inhalation: Remove from contamination. If person has stopped breathing administer artificial respiration. If symptoms persist, seek medical attention.

Skin Contact: Wash off with soap and plenty of water. Remove contaminated garments and wash or destroy. Consult a physician if irritation develops.

Eye Contact: Flush eyes with plenty of running water for at least 30 minutes. Seek medical attention.

Ingestion: If conscious, give plenty of water. Do not induce vomiting. Seek medical attention.

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

Indication of need for immediate medical attention: No data available

Special treatment needs: No specific data has been determined but based on similar materials: the materials may cause tissue destruction leading to stricture. If lavage is performed, suggest entotracheal and/or esophagoscopy control. If burn is present, treat as any thermal burn, after decontamination. No special antidote.

5 FIRE FIGHTING MEASURES

Flash Point: No data available

Flash Point Method: No data available

Burning Rate: No data available

Autoignition Temp: No data available

LEL: No data available

UEL: No data available

Extinguishing Media:

Suitable: Water fog, carbon dioxide, dry chemical or foam. This material is not expected to burn unless all water is boiled away. The remaining organics may be ignitable. Use extinguishing media suitable for surrounding fire.

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Unsuitable: No information available

Hazardous combustion products: Under fire conditions, some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Hazardous combustion products may include but are not limited to: nitrogen oxides, carbon monoxide and carbon dioxide.

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: Contain spill or leak. Spill may be slippery. Barricade and control area. 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 containers tightly closed when not in use. Do not store near food, foodstuff, drugs or potable water supplies. Storage must only be in original containers. If exposed to temperatures below freezing point (40F, 5C), assure product reaches 50F/10C prior to use. Gently agitate contents of container. Vigorous agitation is not required. Please note: Freezing will not harm product performance. Simply bring to room temperature by storing at room temperature and allowing it to warm up. It is not recommended to heat or to put a heating device into contact with the liquid product. Shelf life: Minimum one year. 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. 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)

CWT 405**Exposure Limits:**

OSHA (TWA)/PEL: Not Established

ACGIH (TWA/TLV): Not Established

9**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Tea brown to tan, but can be near white. Color does not affect performance		
Physical State:	Liquid	Odor:	Vinegar-like
Odor Threshold:	No data available	Solubility:	Miscible in all proportions
Spec Grav./Density:	8.31 lb/gal	Freezing/Melting Pt.:	Below 35F
Viscosity:	No data available	Flash Point:	No data available
Boiling Point:	250°F (active ingredient)	Vapor Density:	2.25 (Air = 1)
Partition Coefficient:	No data available	Auto-Ignition Temp:	No data available
Vapor Pressure:	23.7mm Hg (est)	UFL/LFL:	No data available
pH:	6.0		
Evap. Rate:	No data available		
Decomp Temp:	No data available		

10**STABILITY AND REACTIVITY**

Stability:	Product is stable under normal storage and use conditions. As in general with any organic chemical, do not mix or formulate with oxidizers such as chlorine; formulating with oxidizer is not the same as using it in systems containing low use levels of oxidizers. See storage section.
Conditions to Avoid:	Product can decompose at elevated temperatures
Materials to Avoid:	Avoid use with aldehydes in concentrated form as under some conditions it can cause a pink color to form. The reaction between aldehydes and this material has not been studied, but it is known that materials of this type which contain an amine function can react with aldehydes.
Hazardous Decomposition:	Hazardous decomposition products depend on temperature, air supply and the presence of other materials.
Hazardous Polymerization:	Will not occur.

11**TOXICOLOGICAL INFORMATION****Acute Toxicity:**Oral LD₅₀: (rat) >5,000 mg/kg (est. from similar product)Dermal LD₅₀ (rabbit) >2,000mg/kg (est. from similar product)**Skin Corrosion/Irritation:** Non-irritant 1.3/8.0 Draize score (est. from similar product)**Serious eye damage/irritation:** Severe eye irritant 59-92/110 Draize score (est. from similar product)**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 405**12****ECOLOGICAL INFORMATION****Aquatic Toxicity***Ceriodaphnia dubia*LC₅₀ 11 mg/L (24hr); 10 mg/L (48hr)

NOEC 8 mg/L

LOEC 16 mg/L

Fathead Minnow

LC₅₀ 9 mg/L (24hr); 5 mg/L (48hr); 4 mg/L (72hr); 3 mg/L (96hr)

NOEC 2 mg/L

LOEC 4 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****Proper Shipping Name:** Non-regulated

DOT Transportation data (49 CFR 172.101)

15**REGULATORY INFORMATION**

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

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

EPA / CERCLA / SARA TITLE III:**CERCLA List:** This product does not contain any CERCLA listed hazardous substances.**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:** No data available

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RCRA: No data available

16**OTHER INFORMATION**

HMIS III: Health = 2, Fire = 0, Physical Hazard = 1
HMIS PPE: C - Safety Glasses, Gloves, Apron

HMIS	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	C

Author: U.S. Water Services

Revision Notes: Updated to GHS format

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