

CWT-ETP

SDS Number: 0204

Revision Date: 3/24/2021

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Alliance Group Inc. 262-251-4977
N114 W18621 Clinton Drive
Germantown, WI 53022

Phone: 800-255-3924**Emergency:** CHEMTEL**Product Identifier:** CWT-ETP**Common Name:** TT50%**SDS Number:** 0204**Revision Date:** 3/24/2021**Product Use:** Corrosion inhibitor in water treatment programs; protects copper piping

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Health, Acute toxicity, 4 Oral
Health, Skin corrosion/irritation, 1 B
Health, Serious Eye Damage/Eye Irritation, 1
Health, Acute toxicity, 5 Inhalation
Environmental, Hazards to the aquatic environment - Acute, 3

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

H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H333 - May be harmful if inhaled
H402 - Harmful to aquatic life

GHS Precautionary Statements:

P260 - Do not breathe mist/vapours/spray.
P264 - Wash skin 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.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Rinse skin with water/shower. Wash contaminated clothing before reused
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 continuously 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 if serious eye and skin damage develops
P363 - Wash contaminated clothing before reuse.
P501 - Dispose of contents/container to an approved waste disposal plant.

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



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Route of Entry:	Eyes; Inhalation; Ingestion; Skin.
Target Organs:	Respiratory system; Eyes; Skin.
Inhalation:	Can cause severe irritation and inflammation of the respiratory tract. May cause coughing, chest pain, shortness of breath, wheezing and pulmonary edema. Effects may be delayed.
Skin Contact:	May cause severe irritation and burns. Prolonged and repeated contact, even with dilute concentrations, can cause a high degree of tissue destruction. Large amounts can cause redness, swelling.
Eye Contact:	May cause severe irritation and burns. May cause permanent eye damage, blindness, corneal damage. Effects may vary depending on length of exposure
Ingestion:	Aspiration hazard: Harmful or fatal if swallowed. This material may cause discomfort, nausea, vomiting, diarrhea, if swallowed.

HMIS III: Health = 3(Chronic), Fire = 0, Physical Hazard = 0

HMIS	
HEALTH <input checked="" type="checkbox"/>	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION <input type="checkbox"/>	

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COMPOSITION/INFORMATION OF INGREDIENTS

Substance/Mixture: Mixture

Chemical Ingredients:		
CAS#	%	Chemical Name:
64665-57-2	49-54%	Tolytriazole, sodium salt

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FIRST AID MEASURES

Inhalation:	If symptoms develop, move victim to fresh air. Give oxygen or artificial respiration if needed. Do not give mouth to mouth resuscitation. Get medical attention. Consult a physician.
Skin Contact:	Promptly flush skin with soap and water for 15 minutes. Remove contaminated clothing immediately. Get immediate medical attention. Do not reuse clothing and shoes until cleaned. Do not apply oils and ointments unless ordered by a physician.
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention if irritation persists.
Ingestion:	If swallowed: If fully conscious, first rinse mouth and then drink small quantity of water. Do NOT induce vomiting. Seek immediate medical attention. If unconscious, take to a hospital or physician. Never give anything by mouth to an unconscious victim. For spontaneous vomiting, keep head below hips.

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FIRE FIGHTING MEASURES

Flash Point: No data available.

Autoignition Temp: No data available.

Fire Fighting Methods



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Respiratory and eye protection are required for fire fighting personnel. Evacuate area of unprotected personal. Wear protective clothing including NIOSH Approved self-contained breathing apparatus. Move fire-exposed containers, if allowable, without sacrificing the safety of the firefighters. Use water spray to cool fire exposed containers and disperse vapors. If possible, firefighters should control run-off water to prevent environmental contamination

Unusual Fire or Explosion Hazards:

Harmful vapors may evolve during fire. Material can splatter above 100°C/212°F. Cool exposed containers with water spray to prevent over heating. Dry residue of the product may also burn.

Extinguishing Media

Suitable: Water spray, dry chemical, or carbon dioxide.

Unsuitable fire extinguisher: No data available

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ACCIDENTAL RELEASE MEASURES

Personal Precautions

Evacuate area. Use personal protective equipment: safety glasses, chemical resistant gloves, chemically resistant boots. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental Precautions

Water spill: Use appropriate containment to avoid run-off or release to sewer.

Land spill: Use appropriate containment to avoid run-off or release to ground

Prevent further leakage or spillage if safe to do so. Do not let material enter drains.

Spill Clean Up

» **For small spill** - The leak should be contained with absorbent pad and placed in properly labeled waste disposal container immediately. Clean area with water.

» **For large spill** - TIn the event of a large spill, contain the spill immediately and dispose according to state, federal and local hazardous waste regulation. Keep in suitable, closed containers for disposal.

**If spill could potentially enter any waterway, including intermittent dry creeks, contact local authorities.

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HANDLING AND STORAGE

Handling Precautions:

Avoid contact with eyes, skin, or clothing. Handle in well ventilated area -avoid breathing vapors or mist. Wash thoroughly after handling. Do not puncture or drop containers. Do not expose containers to sources of ignition, open flame, excessive heat.

Storage Requirements:

Store in cool/dry area. Keep away from sunlight, heat, sparks, and flames. Keep away from incompatible materials. (acids, oxidizing agents) Keep container tightly closed. Do not store in unlabeled or mislabeled containers. Do not freeze.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Provide local exhaust ventilation. Maintain adequate ventilation. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available.

Personal Protective Equipment:

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Respiratory

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Eyes and Face



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Wear chemical safety goggles while handling this product. Wear additional eye protection such as a face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material.

Skin

Prevent contact with this product. Wear gloves and protective clothing depending on conditions of use.

Protective gloves: gauntlet-type, neoprene, nitrile.

Component	OSHA PEL	ACGIH TWA/ TLV
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** No data available.

9**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear, slight yellow	Odor:	Characteristic odor
Physical State:	Liquid	Molecular Formula:	No data available.
Odor Threshold:	No data available.	Solubility:	Complete
Particle Size:	No data available.	Softening Point:	No data available.
Spec Grav./Density:	1.19-1.25	Percent Volatile:	None
Viscosity:	No data available.	Heat Value:	No data available.
Saturated Vapor Concentration:	No data available.	Freezing/Melting Pt.:	No data available.
Boiling Point:	Not determined	Flash Point:	No data available.
Flammability:	No data available.	Octanol:	No data available.
Partition Coefficient:	No data available.	Vapor Density:	No data available.
Vapor Pressure:	0.00533 kPa	VOC:	50% Calculated Value
pH:	11-12	Bulk Density:	No data available.
Evap. Rate:	No data available.	Auto-Ignition Temp:	500°C
Molecular weight:	No data available.	UFL/LFL:	No data available.
Decomp Temp:	No data available.		

Lower Explosion Limits: No data available.

Upper Explosion Limits: No data available.

10**STABILITY AND REACTIVITY**

Reactivity:	No data available.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Avoid exposure to extreme temperatures, contact with incompatible chemicals, prolonged exposure to light. Protect from freezing.
Materials to Avoid:	Strong acids. Strong oxidizers. Avoid contact with heavy metals.
Hazardous Decomposition:	Thermal decomposition may release: carbon monoxide, carbon dioxide, and nitrogen oxides.
Hazardous Polymerization:	Will not occur under normal conditions.

11**TOXICOLOGICAL INFORMATION****Toxicity Data:**

Eye Effects: Can cause severe eye irritation and burns. Symptoms may include: blurred vision, redness of eye, pain.

» Eye Irritation - Rabbit - corrosive

Skin Effects: Can cause severe irritation and burns. Symptoms may include: irritation, pain, redness, blistering, or cracking of the skin.

» Dermal LD50 - Rabbit: >2000 mg/kg



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Inhalation Effects: Can cause severe irritation. Can lead to coughing, nasal congestion, tightness of chest and/or shortness of breath. Effects may be delayed.

» Inhalation LC50 - No data available

Ingestion Effects: Can lead to possible nausea or vomiting. Can cause damage to the: mouth, throat, esophagus, stomach, gastrointestinal tract.

» Oral LD50 - Rat: 640mg/kg

Carcinogenicity: No data available

Mutagenicity: No data available.

Teratogenicity: No data available.

Fertility Effects: No data available.

Routes of exposure: Eyes, skin, Inhalation, Ingestion

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ECOLOGICAL INFORMATION

Information on ecological effects

Toxicity:

Toxicity to fish

» LC50 - *Lepomis macrochirus* = > 173mg/l - 96.0 h.

» LC50 - *S. gairdneri* = 25 mg/l - 96.0 h

Toxicity to daphnia and other aquatic invertebrates

» LC50 - *Daphnia magna* (Crustacea) - 280 - 48 h.

Toxicity to aquatic plants

» EC50 - *Selenastrum capricornutum* (Algae) = 26.2 mg/l - 72 h.

Persistence and degradability: Biodegradability Result: - Not readily biodegradable.

Bioaccumulative potential: no data available

Mobility in soil: no data available

Biodegradability = 70% after 28 D

Other adverse effects - No data available

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DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

Empty Container: Since emptied containers retain product residue, follow label warnings even after container is emptied.

Product Disposal: Dispose of a a supervised incineration facility or an appropriate waste disposal facility.

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TRANSPORT INFORMATION

UN3267, Corrosive liquid, basic, organic, n.o.s., 8, PGII, (Sodium Tolytriazole 50%)

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REGULATORY INFORMATION

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

FEDERAL REGULATIONS

TSCA Inventory Status: All components of this product are listed as "Active" on the Toxic Substances Control Act (TSCA) 8 (b) Inventory.

CERCLA / SARA Emergency Reporting: A spill or release of this material may trigger the emergency release reporting requirements under CERCLA (40 CFR Part 300) and/or SARA Title III (40 CFR Part 355). State or local reporting requirements may differ from federal requirements.

» **This product does not require reporting.**

SARA Title III Section 313: **This product does not require reporting.**

Clean Water Act (CWA): The following chemicals are listed under Section 311 as hazardous substances requiring the submission of a National Pollutant Discharge Elimination System (NPDES) permit application to EPA. **This product does not require reporting.**

STATE REGULATIONS

California- The following components are listed under Prop 65: None listed

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OTHER INFORMATION

Prepared By: P May

Reason For Revision: Updated GHS & Regulatory Information

Disclaimer:

This information is given in good faith and based on our current knowledge of the product. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

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