

## WTC-10

SDS Number: 0100

Revision Date: 4/30/2020

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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:** WTC-10  
**SDS Number:** 0100  
**Revision Date:** 4/30/2020  
**Product Use:** Water Treatment Compound

### 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, 1 B

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

H318 - Causes serious eye damage  
H314 - Causes severe skin burns and eye damage

**GHS Precautionary Statements:**

P264 - Wash skin thoroughly after handling.  
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): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P363 - Wash contaminated clothing before reuse.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS****Route of Entry:** Eyes; Ingestion; Inhalation; Skin.**Target Organs:** No data available**Inhalation:** Minimal respiratory tract irritation may occur with exposure to a large amount of material.**Skin Contact:** May cause irritation. Prolonged contact may result in skin burns.**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:** This material may cause discomfort, nausea, vomiting, diarrhea, if large amounts are swallowed.



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HMIS III: Health = 2, Fire = 0, Physical Hazard = 0

HMIS	
HEALTH	<input type="checkbox"/> 2
FLAMMABILITY	<input type="checkbox"/> 0
PHYSICAL HAZARD	<input type="checkbox"/> 0
PERSONAL PROTECTION	<input type="checkbox"/>

**3 COMPOSITION/INFORMATION OF INGREDIENTS**

CAS#	Chemical %	Chemical Name:
10101-89-0	<10%	Trisodium Phosphate Dodecahydrate
7758-29-4	<10%	Sodium Tripolyphosphate
69011-11-6	<10%	Sodium carbonate

**4 FIRST AID MEASURES**

- Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
- Skin Contact:** Promptly flush skin with water for 15 minutes. Remove contaminated clothing immediately. Get immediate medical attention. Do not reuse clothing and shoes until cleaned.
- 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.
- Ingestion:** Do NOT induce vomiting. Seek immediate medical attention. If unconscious, take to a hospital or physician. Never induce vomiting or give anything by mouth to an unconscious victim. For spontaneous vomiting, keep head below hips.

## Protection of First Aid Personnel:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. If it is suspected that dust, vapor, or gas are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.

**5 FIRE FIGHTING MEASURES**

- Flammability:** Not flammable or combustible.
- 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.

## Fire Fighting Methods

Evacuate area of unprotected personal. Wear protective clothing including NIOSH Approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire exposed containers and disperse vapors.



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## Extinguishing Media

**Suitable:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable fire extinguisher:** No data available.

**Unusual Fire or Explosion Hazards:** No data available

## 6 ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let products enter drains. Discharge into the environment must be avoided. Notify authorities if entry occurs.

### Spill

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## 7 HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with eyes, skin, or clothing. Avoid breathing vapors or mist. Do not swallow. Do not eat, drink or smoke in work area. Consider normal working hygiene. Wash thoroughly after handling.

**Storage Requirements:** CORROSIVE MATERIAL. Store in cool/dry area. Keep away from sunlight, heat, sparks, and flames. Keep away from incompatible materials. Keep container tightly closed. Do not store in unlabeled or mislabeled containers. Do not freeze - to avoid crystallization.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Provide local exhaust ventilation. Maintain adequate ventilation.

### 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  
 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
Trisodium Phosphate	No data available	5 mg/m3 - WEEL (Workplace Env't Exposure Level)
STPP	No data available	No data available
Sodium Carbonate	No data available	No data available

## 9 PHYSICAL AND CHEMICAL PROPERTIES



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<b>Appearance:</b>	Clear	<b>Odor:</b>	No odor.
<b>Physical State:</b>	Liquid	<b>Molecular Formula:</b>	No data available
<b>Odor Threshold:</b>	No data available.	<b>Solubility:</b>	Dispersible
<b>Particle Size:</b>	No data available	<b>Softening Point:</b>	No data available
<b>Spec Grav./Density:</b>	1.17	<b>Percent Volatile:</b>	No data available
<b>Viscosity:</b>	No data available.	<b>Heat Value:</b>	No data available
<b>Saturated Vapor Concentration:</b>	No data available	<b>Freezing/Melting Pt.:</b>	32° F
<b>Boiling Point:</b>	No data available	<b>Flash Point:</b>	No data available.
<b>Flammability:</b>	No data available.	<b>Octanol:</b>	No data available
<b>Partition Coefficient:</b>	No data available.	<b>Vapor Density:</b>	No data available.
<b>Vapor Pressure:</b>	No data available.	<b>VOC:</b>	No data available
<b>pH:</b>	>11	<b>Bulk Density:</b>	No data available.
<b>Evap. Rate:</b>	No data available.	<b>Auto-Ignition Temp:</b>	No data available.
<b>Molecular weight:</b>	No data available	<b>UFL/LFL:</b>	No data available
<b>Decomp Temp:</b>	No data available.		

Lower Explosion Limits: No data available.

Upper Explosion Limits: No data available.

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## STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Contact with acids. Potential deadly carbon monoxide gas can form in enclosed areas or tanks when alkaline products contact food and beverage products containing sugars.
<b>Materials to Avoid:</b>	Reacts with acids to release large volume of carbon dioxide gas and heat.
<b>Hazardous Decomposition:</b>	Carbon Dioxide
<b>Hazardous Polymerization:</b>	Will not occur under normal conditions.

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## TOXICOLOGICAL INFORMATION

## Toxicity Data:

Eye Effects: Causes severe eye irritation and burns. May cause: blurred vision, redness, pain, permanent damage.

- » Trisodium Phosphate: Eyes = No data available
- » Sodium Tripolyphosphate: Eyes = Rabbit - no eye irritation
- » Sodium Carbonate: Eyes = Rabbit - eye irritation - 24H

Skin Effects: Causes skin irritation. Prolonged contact may result in skin burns.

- » Trisodium Phosphate: Dermal LD50 = No data available  
Skin corrosion / irritation = No data available
- » Sodium Tripolyphosphate: Dermal LD50 = Rabbit - 4640 mg/kg  
Skin corrosion / irritation = Rabbit - no skin irritation
- » Sodium Carbonate: Dermal LD50 = no data available  
Skin corrosion / irritation = Rabbit - mild skin irritation - 24H

Inhalation Effects: May cause irritation of the respiratory tract. Vapors or mists may cause: coughing, sore throat.

- » Trisodium Phosphate: Inhalation LC50 = No data available
- » Sodium Tripolyphosphate: Inhalation LC50 = Rat - 0.39 mg/L
- » Sodium Carbonate: Inhalation LC50 = Rat - 5750 mg/L - 2 H

Ingestion Effects: May cause irritation and burns. May result in nausea, vomiting.



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- » Trisodium Phosphate: Oral LD50 = Rat - 7400 mg/kg
- » Sodium Tripolyphosphate: Oral LD50 = Rat > 2000 mg/kg
- » Sodium Carbonate: Oral LD50 = Rat - 4090 mg/kg

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC, ACGIH, NTP, or OSHA

Mutagenicity: No data available.

Teratogenicity: No data available.

Fertility Effects: No data available.

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### ECOLOGICAL INFORMATION

Biodegradability: No data available

#### Ecotoxicity:

Toxicity to fish: LC50 - Leuciscus idus (Golden orfe) - 2,400 mg/l - 48 H (Trisodium Phosphate)  
LC50 - Lepomis macrochirus (bluegill) - 300 mg/L - 96 H (Sodium Carbonate)

Toxicity to aquatic invertebrates: EC50 - Daphnia magna (water flea) - > 100 mg/l - 48 H  
(Sodium Tripolyphosphate)  
EC50 - Daphnia magna (water flea) - 256 mg/l - 48 H  
(Sodium Carbonate)

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### DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

RCRA: This material is not listed as a hazardous waste if and when it is discarded.

Note: If this product is altered, it is the responsibility of the user to determine whether the material meets the criteria for hazardous waste at the time of disposal.

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### TRANSPORT INFORMATION

UN3266, Corrosive liquid, basic, inorganic, n.o.s., 8, PGIII, (Sodium Carbonate, Sodium Phosphate)

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### REGULATORY INFORMATION

#### Component (CAS#) [%] - CODES

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**Trisodium Phosphate Dodecahydrate (10101-89-0) [<10%]**

**Triphosphoric acid, pentasodium salt (7758-29-4) [<10%] TSCA**

**Sodium carbonate (69011-11-6) [<10%] TSCA**

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



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### Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

### FEDERAL REGULATIONS

TSCA Inventory Status: All components of this product are listed "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.

- » **Trisodium Phosphate - CERCLA reporting amount - 5000 lbs**
- » **Sodium Tripolyphosphate - CERCLA reporting amount - 5000 lbs**

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.

- » **Trisodium Phosphate (CAS# 10101-89-0)**
- » **Sodium Tripolyphosphate (CAS# 7758-29-4)**

RCRA: The requirements of the federal hazardous waste regulations do not apply unless the waste fails to pass any of EPA's four tests for determining hazardous wastes.

- » **No components listed**

### STATE REGULATIONS

**California- Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer and/or reproductive harm

**Massachusetts - RTK Substances:** The following components are listed: Trisodium Phosphate (CAS# 10101-89-0), Sodium Tripolyphosphate (CAS# 7758-29-4)

**New Jersey - RTK Substances:** The following components are listed: Trisodium Phosphate (CAS# 10101-89-0), Sodium Tripolyphosphate (CAS# 7758-29-4), Sodium Carbonate (CAS# 497-19-8)

**Pennsylvania - RTK Substances:** The following components are listed: Trisodium Phosphate (CAS# 10101-89-0), Sodium Tripolyphosphate (CAS# 7758-29-4), Sodium Carbonate (CAS# 497-19-8)

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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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