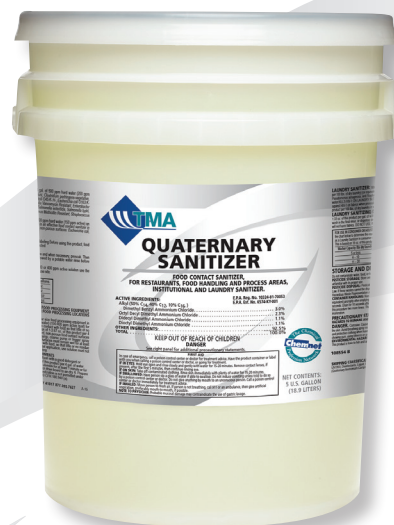


# QUATERNARY SANITIZER

## FOOD CONTACT SURFACE AND INSTITUTIONAL LAUNDRY SANITIZER



### PRODUCT USES

Deodorizes hard surfaces, and is a no-rinse sanitizer for food service utensils, pots, pans, counters, chopping blocks, tables and kitchen equipment. This product is for use in food service establishments, when used as directed below. E.P.A. registered sanitizer for institutional and commercial laundry.

### OPERATOR BENEFITS

- "No Rinse" formula saves time and labor.
- Designed for "3rd Tank Sink" sanitizing.
- Deodorizes unpleasant odors, including the mop head.
- Mild on hands and this delivers economical use-cost.
- Kills HIV-1 on laundry in commercial, industrial and institutional applications.

### DIRECTIONS FOR USE

#### FOOD CONTACT SANITIZING PERFORMANCE REGULATED BY 40CFR sec 180.940(a)(c):

Immerse pre-cleaned glassware, dishes, silverware, cooking utensils and other similar size food processing equipment in a solution of 400 ppm for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food, so that little or no residue remains. Do not rinse.

For articles too large for immersing, apply a use solution of 1-2.67 oz per 4 gallons of water (150-400 ppm active) to sanitize hard, non-porous food contact surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Surfaces must remain wet for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food, so that little or no residue remains. Do not rinse. Prepare a fresh solution daily or when visibly dirty. For mechanical application, use solution must not be reused for sanitizing applications but may be used for other purposes such as cleaning.

**Laundry Sanitation:** When used as directed this is an effective sanitizer against *Staphylococcus aureus*, *Klebsiella pneumoniae*, *Pseudomonas aeruginosa*, *Methicillin-resistant Staphylococcus aureus* (MRSA).

1. This product is used in the final, warm rinse cycle at a low water level.
2. Dilute this product 1.33 ounces per gallon of water (16 ounces per 100 lbs. of dry laundry) (780 ppm active quat); then add to wash in the final rinse, or dispense directly through dispensing equipment.
3. Run for a minimum of 5 minutes. Retreat if necessary.

### PRODUCT SPECS

<b>Pack sizes/Color:</b>	Clear: 4/1 Gal., 1/5 Gal.	Light red: 2/1 Gal., 4/1 Gal., 1/30 Gal.
<b>Characteristics:</b>	Non-viscous liquid	<b>Odor:</b> Pleasant
<b>Flammability:</b>	NA	<b>pH in conc. form:</b> 6.0 - 8.0
<b>Rinsability:</b>	Excellent	<b>Foam:</b> Controlled
<b>Flammability:</b>	NA	<b>pH in conc. form:</b> 6.0 - 8.0
<b>Biodegradable:</b>	E.P.A. Registered	<b>Phosphorous content:</b> 0.0%

### IMPORTANT OPERATOR INFORMATION

#### SDS:

Refer to the Safety Data Sheet (SDS) supplied by your distributor for information on emergency response, safe usage, hazards, first aid and proper product handling.

**Emergency Response Phone:** 1-800-424-9300

#### Statement of

#### Practical Treatment:

If swallowed: Dilute by giving large amounts of water and call a physician.

For eye or skin contact: Flush with cool water for 15 minutes and call a physician.

#### Product Precautions:

#### DANGER: CORROSIVE

Harmful if swallowed. Injurious to eyes and skin.

**KEEP OUT OF REACH OF CHILDREN.**

#### Shipping Classification:

Corrosive, N.O.S., Class 8, PG III (Contains Quaternary Ammonium Compound) **CORROSIVE**

[www.chemnet-systems.com](http://www.chemnet-systems.com)

## Safety Data Sheet

### Section 1: Identification

Name: TMA - QUATERNARY SANITIZER (EPA 10324-81) Date Issued: 4/24/15  
 Other Name: N/A TMA Code: TM108554  
 Recommended Use: Sanitizing without chlorine  
 Supplier Information: Technical Marketing Alliance 2335 Buttermilk Crossing Crescent Springs, KY 41017  
 Emergency Telephone: 800-424-9300 Product Information: 859-727-7854

### Section 2: Hazard(s) Identification

#### Potential Health Effects

Signal Word = Warning

Label Elements:

Hazard Category:

Acute Oral Toxicity = 4 - Harmful if swallowed

Eye Damage/Irritation = 2B - Causes eye irritation



Precautionary Statement:

Prevention = Wash any contacted parts of the body after handling with soap and water thoroughly. Wear eye protection/face protection.

Response = If swallowed, contact a physician immediately and follow advice from medical professional. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Storage = Store containers in an upright position. Ensure container lids are in place and secure when not in use.

Disposal = Review all federal, state and local laws regarding disposal of this product.

Prolonged/Repeated Exposure Effects:

Eye: N/A

Skin: N/A

Inhalation: N/A

Ingestion: May cause damage to mucous membranes and tissue

\*\*The above listed potential effects are compiled based on a review of all component SDS's\*\*

### Section 3: Composition Information on Ingredients

<u>CAS Number</u>	<u>Chemical Name</u>	<u>% by Vol</u>	<u>RQ#</u>	<u>OSHA</u>	<u>TWA</u>	<u>STEL</u>
68424-85-1	Alkyl dimethyl benzyl ammonium chloride (C12-16)	<5	No Data		No Data	No Data
32426-11-2	Octyl decyl dimethyl ammonium chloride	<5	No Data		No Data	No Data

#### %Phosphorus in product: 0%

\*\*Components listed above are hazardous as defined in 29 CFR 1910.1200. Their quantities are proprietary. All remaining components are considered non-hazardous and proprietary in their quantities\*\*

### Section 4: First Aid Measures

Eye: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists.

Skin: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation

Inhalation: If symptoms are experienced, remove victim to fresh air. Obtain medical attention if irritation persists.

Ingestion: Obtain medical attention.

### Section 5: Fire Fighting Measures

Flash Point: N/A

Auto ignition Temperature: Not Determined

Flammability Limits: N/A

Extinguishing Media: Select extinguisher suitable for surrounding fire Unusual Fire Hazards: N/A

Fire Fighting Methods: Use methods suitable for surrounding fire.

**Section 6: Accidental Release Measures**

Containment and Clean up: Observe all personal protective equipment noted in sections 5 and 8. Observe local, state, and federal laws and regulations that may apply to a release and disposal of this material.

**Section 7: Handling and Storage**

Store containers in an upright position. Ensure container lids are in place and secure when not in use.

**Section 8: Exposure Controls**

<u>CAS Number</u>	<u>Chemical Name</u>	<u>OSHA</u>	<u>TWA</u>	<u>STEL</u>
68424-85-1	Alkyl dimethyl benzyl ammonium chloride (C12-16)		No Data	No Data
32426-11-2	Octyl decyl dimethyl ammonium chloride		No Data	No Data

Engineering Controls: Use with adequate ventilation

PPE for Routine Handling and Spills: Wear chemical goggles, chemical resistant gloves, and chemical apron.

Eyes: Safety glasses / Chemical Goggles recommended

Skin: Chemical protective gloves are recommended

Inhalation: N/A

**Section 9: Physical and Chemical Properties**

Physical Form: Liquid	Odor: Characteristic	Freezing/Melting Point: N/D
Color: Red packed 2 gal/case; Colorless 4/case.	Specific Gravity: >1	pH: 6-9
Boiling Point: N/D	Viscosity: N/D	Vapor Density: N/D
	Vapor Pressure: N/D	

**Section 10: Stability and Reactivity**

Chemical Stability: Stable	Hazardous Polymerization: Will not Occur	Conditions to Avoid: N/A
Materials to Avoid: N/A	Hazardous Decomposition Products: N/A	

**Section 11: Toxicological Information**

Special Hazard Information on Components: No known applicable information

Listed on NTP Report? No

Listed on IARC (Suspected Carcinogen)? No

**Section 12: Ecological Information**

Exotoxicity: N/D	Bio accumulative Potential: N/D
Persistence and Degradability: Similar to water	Mobility in Soil? N/D

**Section 13: Disposal Considerations**

Review all federal, state and local laws regarding disposal of this product.

**Section 14: Transportation Information**

UN1903, Disinfectants, Liquid, Corrosive, N.O.S. Class 8, PG III (Quaternary Ammonium Compound)

**Section 15: Regulatory Information**

Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: No components listed on this SDS are subject to the Toxic Substances Control Act (TSCA) section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.

EPA SARA Title III Chemical Listings: No

CERCLA Hazardous Substances: No

Section 311/312 Hazard Class: No

Section 313 Toxic Chemicals: No

**Section 16: Other Information**

Prepared by: J. Chantz Horman on 4/24/15 The industrial hygiene and safe handling procedures are believed to be applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.