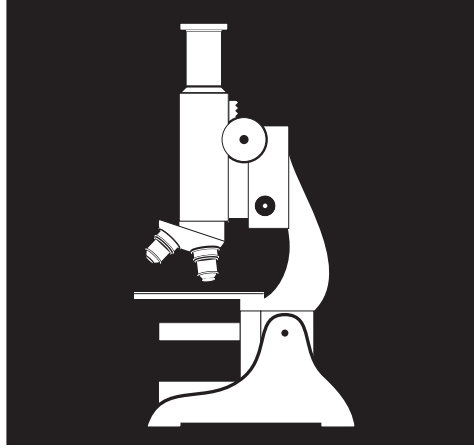


# SANI SAFE

## Food Contact Surface Sanitizer



### For Use On

glassware, utensils, cookware and dishware

### Product Description

To be used in the following areas: Food Service Establishments, Homes, Schools, Institutions, Industries, Meat/Poultry/Food Processing Plants, Dairies, Bars, Restaurants and Cafeterias to sanitize hard, nonporous food contact surfaces as listed and identified below. Use a mop, sponge cloth or mechanical spray to apply sanitizing solution or immerse item in sanitizing solution. If a mechanical spray is used, the spray should be coarse.

Prior to application, remove gross food particles and soil by a pre-flush or pre-scrape and when necessary, presoak. Then thoroughly wash or flush objects with a good detergent or compatible cleaner, followed by a potable water rinse before applications of the sanitizing solution.

Before use as a sanitizer in federally inspected meat and poultry plants and dairies, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not allowed following the use of this product as a sanitizer on previously cleaned hard nonporous surfaces provided that the surfaces are adequately drained before contact with food.

This product is a ready to use 200 ppm active quat solution which eliminates 99.999% of the of the following bacteria in 60 seconds in 500 ppm hard water (calculated as CaCo<sub>3</sub>) according to the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test.

Campylobacter jejuni	Shigella dysenteriae
Escherichia coli	Staphylococcus aureus
Escherichia coli O157:H7	Yersinia enterocolitica
Listeria monocytogenes	

#### SANITIZATION FOOD CONTACT MOBILE SURFACES:

(glassware, utensils, cookware and dishware)

Scrape and pre-wash utensil, glassware, cookware, and dishware.

Wash with a good detergent.

Rinse with potable water.

Immerse all utensils in this product for 1 minute or longer if specified by government sanitary code. (200 ppm active solution) Place sanitized utensils on a rack or drain board to air dry. Do not rinse or wipe.

#### SANITIZATION FOOD CONTACT IMMOBILE SURFACES:

(food processing equipment, counter tops, chopping blocks, tanks, tables, picnic table, appliances, stovetops and food work areas.)

Remove all gross food particles and soil by pre-flush or pre-scrape.

Clean all surfaces thoroughly using a good detergent or cleaner. Tilt movable surfaces for proper drainage. Rinse with potable water.

Apply sanitizing solution. (200 ppm active solution)

Wet surfaces thoroughly for 1 minute.

Let surfaces drain and air dry. Do not rinse or wipe.

Fresh sanitizing solution must be replaced daily or more often if solution becomes diluted or soiled.

### Technical Data

<b>TEST:</b>	<b>LIMIT:</b>
Active Ingredients:	0.022%
Color:	Clear
Odor:	None
Base:	Quaternary ammonium chloride
pH:	6.5 - 8.0
Viscosity:	Water thin
Foam:	Low to moderate

<b>TEST:</b>	<b>LIMIT:</b>
Phosphate Content:	None
Solubility:	Complete with water
Rinsability:	No rinsing is required
Flash Point:	None (waterbased)
Hard Water Tolerance:	750 ppm
Biodegradability:	Complete
Storage/Stability:	2 years
Weight per Gallon:	8.33 lbs./gal.
Freeze / Thaw Stability:	Keep from freezing

*H. & M. Wagner & Sons*

**GLEN BURNIE, MD 21061**

**TO REORDER PHONE: (410) 766-1150**

**TOLL FREE WATTS: 800-492-4571      FAX: (410) 768-5822**

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

<b>Product Name:</b> Sani Safe	<b>Supplier's Name:</b> H. & M. Wagner & Sons
<b>Generic Name:</b> Ready-to-Use Sanitizer	
<b>Chemical Family:</b> Quaternary Detergent Blend	<b>Supplier's Address:</b> Glen Burnie, MD 21061
<b>Formula:</b> Proprietary	<b>Supplier's Phone #:</b> (800) 492-4571

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.011			
Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	0.011			

## SECTION 3-PHYSICAL DATA

<b>Boiling Point (°F):</b> 212 F.	<b>Specific Gravity:</b> 1.000
<b>Vapor Pressure:</b> 20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1
<b>% Volatile:</b> 98+	<b>pH:</b> 6.5 – 8.0
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> <1
<b>Physical Description:</b> Thin clear liquid with no odor.	

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> None	<b>Lower Explosion Limit:</b> N/A
<b>Upper Explosion Limit:</b> N/A	
<b>Extinguishing Media:</b> N/A	
<b>Special Firefighting Procedures:</b> Non Flammable	
<b>Unusual Fire and Explosion Hazards:</b> N/A	

## SECTION 5-REACTIVITY DATA

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Will not occur.	<b>Incompatibility (Materials to Avoid):</b> None

## SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Use in well-ventilated area.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**  
**Skin:** May cause irritation. Prolonged or repeated contact may cause dermatitis.  
**Eyes:** Slight eye irritant. Liquid and mists may cause redness, tearing, burning sensation.  
**Inhalation:** Mists may be irritating to throat, nose, and lungs.  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system.  
**First Aid Procedures:**  
**Skin:** Remove contaminated clothing. Flush affected areas with large quantities of water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention.  
**Inhalation:** Remove victim to fresh air and monitor. Seek medical attention if symptoms persist.  
**Ingestion:** Give large quantities of milk and water. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** No special requirements. Avoid breathing mists.  
**Ventilation Requirements:** No special requirements  
**Protective Gloves:** Chemical proof, rubber or neoprene.  
**Eye Protection:** Safety goggles recommended when spraying product.  
**Other Protective Equipment:** None

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

<b>SARA Title III - Section 311/312 -Hazard Categories:</b>	<b>Shipping Information:</b>	<b>HMIS Hazardous Materials Identification System</b>
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound	<b>Health</b> 1
No - Sudden Release of Pressure Hazard		<b>Flammability</b> 0
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS :Cleaning Compound	<b>Reactivity</b> 0
Yes - Immediate (acute) Health Hazard		<b>Personal Protection</b> A
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Cleaning Compound	

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product