



Maintenance Solutions

sani spray



Food Contact Surface Sanitizer



DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

FOOD CONTACT SANITIZER

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 CaCO₃) according to the AOC Germicidal and Detergent Sanitizing Action of Disinfectants test.

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

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.

PRODUCT SPECIFICATIONS

Active Ingredients:	0.022%	Solubility:	Complete with water
Color:	Clear	Rinsability:	No rinsing is required
Odor:	None	Flash Point:	None (waterbased)
Base:	Quaternary ammonium chloride	Hard Water Tolerance:	750 ppm
pH:	6.5 - 8.0	Biodegradability:	Complete
Viscosity:	Water thin	Storage/Stability:	2 years
Foam:	Low to moderate	Weight per Gallon:	8.33 lbs./gal.
Phosphate Content:	None	Freeze / Thaw Stability:	Keep from freezing

Food Service Products

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name: Misco Products Corporation	Product Name: Sani Spray	Supplier's Name:
Manufacturer's Address: 1048 Stinson Drive Reading, PA 19605	Generic Name: Ready-to-Use Sanitizer	Supplier's Address:
Manufacturer's Phone #: (610) 926-4106	Chemical Family: Quaternary Detergent Blend	Supplier's Phone #:
	Formula: Proprietary	

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

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

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

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

SECTION 5-REACTIVITY DATA

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

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