



Sanitizer

For Use On:

Floors
Walls
Sinks
Silverware

Glasses
Refrigerators
Dishes
Countertops

Tables
Food Processing
Equipment



DESCRIPTION

An effective sanitizer for use in meatrooms, dairies, poultry plants, bars, restaurants, cafeterias, etc. For use on countertops, eating utensils, drinking glasses, or any hard inanimate, nonporous surface. Will sanitize at a use dilution of 1/4 ounce per gallon of water. No rinsing is required. At 1 ounce per 4 gallons this product (200 ppm active) eliminates 99.999% of the of the following bacteria in 60 seconds in 500 ppm hard water (calculated as CaCO₃) 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

DIRECTIONS

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

FOR SANITIZING: For use on hard non-porous surfaces such as counter tops, eating utensils, and drinking glasses. Remove gross filth and soil deposits. Pre-clean all surfaces prior to sanitizing. Thoroughly wet surfaces. Use 1 ounce per 4 gallons of water for a minimum contact time of 1 minute in a single application. Can be applied with mop, sponge or cloth as well as spraying or soaking. The recommended use solution is prepared fresh for each use then discarded. Drain thoroughly. Do not rinse.

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 required following use of this compound on previously cleaned hard surfaces provided that the surfaces are adequately drained for contact with food so that little or no residue remains.

RESTAURANT AND BAR USE: For use as a sanitizer on dishes, glassware, silverware, cooking utensils, wash with detergent, rinse thoroughly and immerse in a solution (1 ounce per 4 gallons of water) for at least 1 minute.

BEVERAGE PLANTS: For sanitizing of bottling or pre-mix dispensing equipment, after cleaning thoroughly rinse equipment with cold or luke warm water. Fill equipment with solution of 1 oz. per 4 gallons of water (200 ppm quat). Allow the solution to remain in contact with equipment for at least 1 minute or until operations resume at which time the sanitizing solution should be drained from the system. To insure the removal of flavors, it is suggested that during changeover between products, the system should be cleaned, rinsed and flushed with the sanitizing solution for at least 1 minute. Allow to drain completely before using.

PRODUCT SPECIFICATIONS

Active Ingredients: 10%
Color: Clear
Odor: None
Base: Quaternary ammonium chloride
pH: 7.5 - 8.0
Viscosity: Water thin
Foam: Low to moderate
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: 8.28 lbs./gal.
Freeze / Thaw Stability: Keep from freezing

Food Service Products

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

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| Supplier's Name: Misco Products Corporation Supplier's Address: Reading, PA Supplier's Phone #: (610) 926-4106 | Product Name: Sanitizer Generic Name: Food Contact Sanitizer Chemical Family: Quaternary Detergent Blend Formula: Proprietary | HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY) Health - 1 Flammability - 0 Reactivity - 0 Protection - A |
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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 | 5.0 | | | |
| Dimethyl ethylbenzyl Ammonium Chloride | 68956-79-6 | 5.0 | | | |

SECTION 3-PHYSICAL DATA

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| Boiling Point (°F): 210 F. Vapor Pressure: 20mm Hg @ 68 F. % Volatile: 80+ Solubility in Water: Complete Physical Description: Slightly viscous liquid with characteristic odor. | Specific Gravity: 0.97 – 0.99 Vapor Density (Air=1): >1 pH: 6.0-8.0 Evaporation Rate (Water=1): <1 | Flash Point (Method Used): N/A Upper Explosion Limit: N/A Extinguishing Media: N/A Special Firefighting Procedures: Non Flammable Unusual Fire and Explosion Hazards: N/A |
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SECTION 4-FIRE AND EXPLOSION HAZARD DATA

SECTION 5-REACTIVITY DATA

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| Stability: Stable Hazards Decomposition Products: Will not occur. | Hazardous Polymerization: None Incompatibility (Materials to Avoid): None |
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SECTION 6-STORAGE AND HANDLING INFORMATION

Corrosive to Eyes and Skin. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid breathing of vapors or mist. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

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| Effects of Overexposure: Skin: Corrosive. Severe skin irritant. May cause burns or permanent damage. Eyes: Corrosive. Severe eye irritant. Liquid and mists may injure the eyes, causing corneal damage. Inhalation: May cause irritation and corrosive effect to nose, throat, and respiratory tract. Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Burning, pain, and diarrhea expected with large doses. 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. Seek medical help. Ingestion: Do not induce vomiting. Give large quantities of milk and water. Seek medical attention immediately. Probable mucosal damage may contraindicate the use of gastric lavage. | Respiratory Protection: No special requirements. Ventilation Requirements: Good general ventilation should be sufficient to control airborne levels. Provide mechanical exhaust in areas of poor ventilation, where mist generation may occur. Protective Gloves: Chemical resistant rubber or neoprene. Eye Protection: Safety glasses or chemical splash goggles. Other Protective Equipment: Face shield recommended when handling concentrate. Protective footwear (rubber boots) should be worn when mopping floors. |
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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: EPA registered pesticide. Dispose of 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 disposal of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

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|--|---|--|--------|---|--------------|---|------------|---|---------------------|---|
| SARA Title III - Section 311/312 -Hazard Categories: No - Fire Hazard No - Sudden Release of Pressure Hazard No - Reactivity Hazard Yes - Immediate (acute) Health Hazard No - Delayed (chronic) Health Hazard | Shipping Information: FOR CONTAINERS > 1 Gallon : Corrosive liquid, Basic, Organic, n.o.s. (Quaternary Ammonium Compound), 8, UN3267, PG III FOR 1-GALLON CONTAINERS: Corrosive liquid, Basic, Organic, n.o.s. (Quaternary Ammonium Compound), 8, UN3267, PG III, (limited Quantity) FOR CONTAINERS < 1 GALLON: Corrosive liquid, Basic, Organic, n.o.s. (Quaternary Ammonium Compound), 8, UN3267, PG III, (limited Quantity) | HMIS Hazardous Materials Identification System <table><tr><td>Health</td><td>3</td></tr><tr><td>Flammability</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr><tr><td>Personal Protection</td><td>D</td></tr></table> | Health | 3 | Flammability | 0 | Reactivity | 0 | Personal Protection | D |
| Health | 3 | | | | | | | | | |
| Flammability | 0 | | | | | | | | | |
| Reactivity | 0 | | | | | | | | | |
| Personal Protection | D | | | | | | | | | |

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