



Dish San White Paper

Dish San Sanitizer
EPA Registration No. 10324-63-69268
NSF Program Listed D2, Reg. No. 140526

Dish San Sanitizer, when diluted at 200 ppm quat active, is a no-rinse food contact sanitizer for food processing equipment and utensils. It has been specifically designed for use in the following areas: institutional, industrial, school, dairy, restaurant, food handling and process areas, federally inspected meat poultry plants, bar and institutional kitchen use.

Food Contact Sanitizing Performance:

At 1 oz per 4 gallons (or equivalent)(200 ppm active) this product is an effective food contact surface sanitizer eliminating 99.999% of the following bacteria in 60 seconds in 500 ppm hard water (calculated as CaCo3) according the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test: Campylobacterjejuni, Shigella dysenteriae, Escherichia coli, Staphylococcus aureus, Escherichia coli O157: H7, Yersinia enterocolitica, Listeria monocytogenes, Aeromona hydrophila, Enterococcus faecalis Vancomycin resistant, Salmonella typhi, Steptococcus pyogenes.

Virucidal Performance:

At 4 oz per 5 gallons use level (or equivalent)(625 ppm active quat) this product was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses on hard, non-porous environmental surfaces: Hepatitis B Virus, Hepatitis C Virus, Influenza A2/Japan Virus, Vaccinia Virus, HIV-1 (with 2 minute contact time). At 4 ounces per 5 gallons (or equivalent use dilution)(625 ppm active quat) in the presence of 200 ppm hard water (CaCo3) and 5% organic load this product was proven to be effective against Bovine Viral Diarrhea Virus BVDV (surrogate for human Hepatitis C virus) with a contact time of 10 minutes.

Toxicity Profile

Dish San Concentrate	Dish San Diluted (1 oz./4 gal 200 ppm active quat)
Acute Oral LD₅₀: 2.87 g/kg Acute Dermal LD₅₀: >2 g/kg Eye irritation: Wear chemical goggles. Use face shield if splashing is possible. Skin irritation: Impervious gloves. Use of an impervious apron is recommended. Not a skin sensitizer. DOT Corrosivity: Packing Group III pH: 6-8 Flammable: No Signal Word: Danger Health Rating: 3 VOC's: <13%	Acute Oral LD₅₀: >5 g/kg Acute Dermal LD₅₀: >2 g/kg Eye irritation: May cause irritation. Follow standard industrial practices. Skin irritation: Rubber gloves. Not a skin sensitizer. DOT Corrosivity: Not corrosive pH: 6.5 Flammable: No Signal Word: Caution Health Rating: 1 VOC's: <1%

This product may also be diluted for the following uses:

Non-medical disinfectant: 3 oz per 5 gal of water (469 ppm active quat)
 Fungicidal: 4 oz per 5 gal of water (625 ppm active quat)

Please see concentrate label for further information.