

# Quatsan 270M

DIN # 02459442

Disinfectant – No Rinse Sanitizer – Deodorizer – Mildewstat



## Product Features

- Highly concentrated formula
- Quaternary chemistry provides safer, chlorine-free disinfecting action
- Formulated to be used as a no-rinse sanitizer to safely and effectively sanitize without the need to rinse off
- Broad spectrum disinfection/sanitization
- Effective disinfectant, no-rinse sanitizer, deodorizer, and mildewstat all in one product
- Phosphate-free, Readily biodegradable

## Active Ingredients

N-Alkyl (5%C12,60%C14,30%C16,5%C18) dimethyl benzyl ammonium chloride .....	5.0%
N-Alkyl (68%C12,32%C14) dimethyl ethyl benzyl ammonium chloride.....	5.0%
Total: 10.0%	

## Description

Quatsan 270M is designed specifically for hospitals, food processing plants, dairies, restaurants, bars, animal quarters, kennels and institutions where disinfection, sanitization and deodorization is of prime importance. When used as directed, this product is formulated to disinfect pre-cleaned inanimate, hard surfaces such as walls, floors, sink tops, tables, chairs, and bed frames. This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odors caused by microorganisms. In addition, this product can also be used to sanitize previously cleaned food grade eggs in shell egg and egg product processing plants.

## Properties

Appearance.....Clear pink liquid  
Flash Point.....>100C (>212F)  
pH.....7.0-8.5  
Odor.....virtually odorless

## Disinfection

To disinfect pre-cleaned, inanimate, hard surfaces apply this product with mop, cloth, sponge or coarse (trigger) spray so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Prepare a fresh solution for each use.

## Dilution Rates:

GENERAL DISINFECTION - Add 22 mL of this product per 4 Litres of water for disinfection against Staphylococcus aureus, Salmonella choleraesuis, Listeria monocytogenes, Yersinia enterocolitica, Escherichia coli and E. coli 0157:H7

HOSPITAL DISINFECTION - Add 22 mL of this product per 4 Litres of water for disinfection against Pseudomonas aeruginosa and Vancomycin intermediate resistant Staphylococcus aureus (VISA).

**Other Uses:** For disinfection of pre-cleaned poultry equipment (brooders, watering founts, feeding equipment), animal quarters and kennels, apply a solution of 22 mL of this product per 4 Litres of water. Small utensils should be immersed in this solution. Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied and traversed by poultry or other animals and thoroughly clean all surfaces prior to disinfection. After disinfection, ventilate building, coops, and other closed spaces. Do not house poultry, other animals or employ equipment until treatment has been absorbed, set or dried. ALL TREATED EQUIPMENT THAT WILL CONTACT FEED OR DRINKING WATER MUST BE RINSED WITH POTABLE WATER BEFORE REUSE.



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This product, when used on precleaned environmental inanimate hard surfaces at 22 mL per 4 Litres of water exhibits effective virucidal activity against Influenza A2/Japan, herpes Simplex Type 1, Adenovirus Type 5, Vaccinia virus, and Avian influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection), Human Immunodeficiency Virus Type 1 (HIV-1), Newcastle disease virus, Laryngotracheitis Virus, Porcine Respiratory and Reproductive Syndrome virus.

### Mildewstat

To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 22 mL of this product per 4 Litres of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings (Hospitals, Nursing Homes) or other settings which there is an expected likelihood of soiling in inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1). Special instructions for cleaning and decontamination against HIV-1 on surfaces soiled with blood/body fluids. Personal Protection: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings. Cleaning Procedures: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application. Contact Time/Concentration: At a use dilution of 32.5 mL per 4 L (806 ppm) Quatsan 270M Solution is effective against HIV-1 in the presence of 5% blood serum with a 10 minute contact time. Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed of according to regulations for infectious water disposal.

### Sanitization

For use in restaurants, dairies, food processing plants, and bars. When used as directed this product is an effective sanitizer against Escherichia coli, Yersinia enterocolitica, and Staphylococcus aureus, E. coli 0157:H7, Shigella sonnei (ATCC 11060), Vibrio cholera (ATCC 14035), Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 33592), Vancomycin resistant Enterococcus faecalis (VRE) (ATCC 51299), Klebsiella pneumoniae (ATCC 4352), Listeria monocytogenes (ATCC 35152), Salmonella typhi (ATCC 6539), campylobacter jejuni (ATCC 29428).

Remove all gross food particles and soil from areas which are to be sanitized with good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with a potable water rinse. To sanitize pre-cleaned and potable water-rinsed, non-porous, food contact surfaces, prepare a 200 ppm active quaternary solution by adding 8 mL of this product to 4 Litres of water. To sanitize immobile items such as tanks, chopping blocks and counter tops, flood the area with 200 ppm active quaternary solution for at least 60 seconds making sure to wet all surfaces completely. Remove, drain the use solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent. To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds making sure to immerse completely. Remove, drain the used solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent. When used for sanitization of previously cleaned food equipment or food contact items, limit the active quaternary to 200 ppm. **NO POTABLE WATER RINSE IS REQUIRED.** This product is an effective sanitizer when diluted in water up to 650 ppm hardness (CaCO<sub>3</sub>).

To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of 8 mL of this product in 4 Litres of warm water (200 ppm quat). The solution should be warmer than the eggs, but not to exceed 54 deg C. Wet eggs thoroughly and allow to drain. Eggs to be stored following treatment need not be rinsed. Eggs sanitized with this product shall be subjected to a potable water rinse if they are to be broken immediately for use in the manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be reused for sanitizing eggs.



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