

# Triad™/MC III

When used as directed at a 1:64 dilution (2 oz. per gallon of water), this product contains 609 ppm of active quaternary germicide making it highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew.

**Using approved AOAC test methods under Good Laboratory Practices, [GLP's], in the presence of 500 ppm hard water, 10% serum load and 10 minute contact time this product kills the following on hard non-porous inanimate surfaces:**

## Bactericidal Activity:

*Pseudomonas aeruginosa*, (ATCC 15442)  
*Staphylococcus aureus*, (ATCC 6538)  
*Salmonella choleraesuis*, (ATCC 10708)  
*Bordetella bronchiseptica*, (ATCC 10580)  
*Burkholderia cepacia*, (ATCC 25416) formerly known as *Pseudomonas cepacia*  
*Campylobacter fetus*, (ATCC 27374)  
*Citrobacter freundii*, (ATCC 8090)  
*Enterobacter agglomerans*, (ATCC 27155)  
*Enterobacter cloacae*, (ATCC 23355)  
*Enterobacter liquefaciens*, (ATCC 14460) formerly known as *Serratia grimesii* and *Serratia liquefaciens*  
*Enterococcus faecalis*, (ATCC 19433) formerly known as *Streptococcus faecalis*  
*Enterococcus hirae*, (ATCC 10541)  
*Escherichia coli*, (ATCC 11229)  
*Escherichia coli* O157:H7, (ATCC 43890)  
*Flavobacterium meningosepticum*, (ATCC 13253)  
*Haemophilus influenza*, (ATCC 10211)

*Hafnia alvei*, (ATCC 13337)  
*Klebsiella oxytoca*, (ATCC 13182)  
*Klebsiella pneumoniae*, (ATCC 13883)  
*Legionella pneumophila*, (ATCC 33153)  
*Listeria monocytogenes*, (ATCC 15313)  
*Micrococcus luteus*, (ATCC 4698)  
*Micrococcus luteus*, (ATCC 14452)  
*Micrococcus sedentarius*, (ATCC 27573)  
*Morganella morganii*, (ATCC 25830)  
*Neisseria gonorrhoeae*, (ATCC 43069)  
*Pasteurella multocida*, (ATCC 43137)  
*Proteus mirabilis*, (ATCC 9240)  
*Proteus vulgaris*, (ATCC 13315)  
*Pseudomonas diminuta*, (ATCC 11568)  
*Pseudomonas fluorescens*, (ATCC 13525)  
*Pseudomonas putida*, (ATCC 12633)  
*Pseudomonas stutzeri*, (ATCC 17588)  
*Salmonella enteritidis*, (ATCC 13076)  
*Salmonella gallinarum*, (ATCC 9184)

*Salmonella schottmuelleri*, (ATCC 10719)  
*Salmonella typhi*, (ATCC 6539)  
*Salmonella typhimurium*, (ATCC 13311)  
*Shigella dysenteriae*, (ATCC 29026)  
*Shigella flexneri*, (ATCC 25875)  
*Shigella sonnei*, (ATCC 25931)  
*Staphylococcus aureus*, (ATCC 25923)  
*Staphylococcus aureus* (Toxic Shock), (ATCC 33586)  
*Staphylococcus epidermidis*, (ATCC 14990)  
*Staphylococcus haemolyticus*, (ATCC 29970)  
*Staphylococcus species*, (ATCC 12715)  
*Streptococcus agalactiae*, (ATCC 13813)  
*Streptococcus mutans*, (ATCC 25175)  
*Streptococcus pyogenes*, (ATCC 19615)  
*Streptococcus pyogenes* ("Strep A" - Flesh Eating Strain), (clinical isolate)  
*Vibrio cholera*, (ATCC 11623)  
*Yersinia enterocolitica*, (ATCC 9610)

## Antibiotic-Resistant Bactericidal Activity:

*Escherichia coli*, (ATCC 55244);  
 (Resistant to Kanamycin)

*Escherichia coli*, (ATCC 47041);  
 (Resistant to Tetracycline)

*Enterococcus faecium*, (ATCC 51559);  
 (Resistant to Vancomycin (VRE))

*Klebsiella oxytoca*, (ATCC 15764);  
 (Resistant to Ampicillin, Dihydrostreptomycin)

*Micrococcus sedentarius*, (ATCC 27573);  
 (Resistant to Methicillin)

*Staphylococcus aureus*, (CDC HIP 5836);  
 (Resistant to intermediate Vancomycin strain (VISA))

*Staphylococcus aureus*, (ATCC 14154);  
 (Resistant to Erythromycin, Penicillin, Streptomycin, Tetracycline)

*Staphylococcus aureus*, (ATCC 33592);  
 (Resistant to Methicillin (MRSA), Gentamicin (GRSA))

*Streptococcus pneumoniae*, (ATCC 51915);  
 (Resistant to Penicillin (PRSP))

## \*Virucidal Activity:

\*Cytomegalovirus, (VR-538)

\*Herpes simplex Type 1, (VR-733)

\*Herpes simplex Type 2, (VR-734)

\*Parainfluenza Type 3, (VR-93)

\*Respiratory syncytial virus, (VR-26)

\*Vaccinia virus (smallpox vaccine virus), (VR-119)

Kills HIV-1 (AIDS virus) (HTLV-III<sub>B</sub>) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

Kills Hepatitis B (HBV) virus when used as directed on hard, non-porous inanimate surfaces with a 5 minute contact time.

## \*Veterinary viruses:

\*Avian Infectious bronchitis (IBV), (VR-22)

\*Avian Influenza, (VR-2072)

\*Canine distemper, (VR-128)

\*Feline Rhinotracheitis, (VR-636)

\*Infectious bovine rhinotracheitis, (VR-188)

\*New Castle disease, (VR-108)

\*Pseudorabies, (VR-135)

\*Transmissible gastroenteritis virus (TGE),  
 (U of Minn. Strain)

## Fungicidal and Yeast Activity:

*Geotrichum candidum*, (ATCC 18301)

*Trichophyton mentagrophytes* (athlete's foot fungus), (ATCC 9533)

**Mold/Mildew Mildewstatic Activity - controls and prevents (inhibits) the growth of mold and mildew:** *Aspergillus niger* (ATCC 6275) and the odors caused by them when applied to hard, non-porous environmental surfaces.

## For Treatment of Animal Housing Facilities:

1. Remove all animals and feed from areas being treated.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities occupied or traversed by animals.
3. Empty or cover all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap and rinse with water.
5. Apply fresh use solution to floors, walls, cages and other washable hard, non-porous environmental surfaces. For smaller surfaces, use a trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for 10 minutes.
6. Immerse all halters, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing litter and manure.
7. Ventilate buildings, cars, boats and other closed spaces. Do not house animals or employ equipment until product has dried.
8. For disinfection of feed racks, troughs, automatic feeders, fountains and watering appliances scrub with use-solution, let stand 10 minutes. Then thoroughly scrub all treated surfaces with soap or detergent and rinse with potable water before reuse.

See container label for First Aid, Precautionary Statements and complete Directions for Use.