

MICROVACC D125C DISINFECTANT

TECHNICAL DATA SHEET

EPA Reg. No.: 10324-154-89749

EPA Est. No. 8325-PA-01

Active Ingredients:

Didecyl Dimethyl Ammonium Chloride.....	2.54%
Alkyl (50%C14, 40%C12, 10%C16)	1.69%
Dimethyl Benzyl Ammonium Chloride.....	95.77%
Total:	100.00%

One Step Disinfectant

Germicidal Detergent and Deodorant

GENERAL INFORMATION

This product is for use on hard non-porous surfaces as a Disinfectant, Non-Food Contact Sanitizer, Cleaner, Mildewstat, Fungicide, Virucide*, Deodorizer (Odor Counteractant) (Odor Neutralizer) for Hospitals, Nursing Homes, Whirlpool, Households, Food Service, Commercial, Institutional, and Industrial Use (Only) (Suitable) For Use in Meat and Poultry Plants, Schools, Dairy, Equine, Poultry/Turkey Farm, Veterinary, Restaurant, Food Handling and Process Areas. Effective in hard water up to 400 ppm hardness (Calculated as CaCO₃) in the presence of 5% serum contamination. Non-Dulling to Floors (Floor Finishes). Athletic Surface Disinfectant. (Product of USA) (Made in the USA) Meets OSHA Bloodborne Pathogen Standard for HIV, HBV and HCV.

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Refer to product label for official directions for use.

PRECAUTIONARY STATEMENTS:

Keep out of reach of children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID:

If on skin or clothing: Take off contaminated clothing Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes. Then continue rinsing eye. Call a poison control center or doctor for treatment.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a doctor or poison control center. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing call an ambulance then give artificial respiration, preferably mouth to mouth, if possible. Call a poison control center or a doctor for further treatment advice.

Note to doctor: Probable muscosal damage may contraindicate the use of gastric lavage.

Environmental Hazard:

This product is hazard to fish. Follow label instructions for disposal.

Physical or Chemical Hazards:

Do not mix with oxidizers, anionic soaps and detergents. Do not store near heat or open flames. Storage area should be well ventilated and kept at a cool temperature.

USE DILUTIONS:

		Quat Active	Hard Water
Hospital	2 oz. per gal of water	660 ppm	400 ppm
Virucidal	2 oz. per gal of water	660 ppm	400 ppm
Fungicidal	2 oz. per gal of water	660 ppm	400 ppm
Mold and Mildew	2 oz. per gal of water	660 ppm	400 ppm
Sanitization non-food contact	2 oz. per gal of water	660 ppm	400 ppm

DISINFECTION PERFORMANCE:

Disinfection Performance institutions (Hospitals, Dental offices, Nursing homes, and other Health care institutions and non-medical facilities. Using approved AOAC test methods (under Good Laboratory Practices (GLP's) in the presence of 400 ppm hard water and 5% serum load, MicroVacc D125C is effective against the following organisms on hard non-porous (inanimate) (environmental) surfaces. Prepare a fresh solution daily or more often if the use solution becomes visibly dirty or soiled. Always use clean, properly labeled dry containers when diluting the product.

Bactericidal Stability: Kills the following bacteria in 10 minutes at 2 oz. per gal of water and 5 % soil on hard non-porous surfaces: Pseudomonas aeruginosa, Salmonella enterica, Staphylococcus aureus, Acinetobacter baumannii, Acinetobacter Iwoffii, Bordetella bronchiseptica, Citrobacter freundii, Enterobacter aerogenes, Enterobacter agglomerans, Enterobacter cloacae, Enterococcus faecalis, Enterococcus hirae, Escherichia coli, Escherichia coli, Escherichia coli Spectrum B-Lactamase, Escherichia coli, Escherichia coli Tetracycline Resistant, Fusobacterium necrophorum, Klebsiella pneumoniae, Listeria monocytogenes, Micrococcus luteus, Pasturella multocida, Proteus vulgaris, Pseudomonas aeruginosa, Pseudomonas cepacia, Salmonella enterica, Salmonella typhi, Salmonella typhimurium, Serratia marcescens, Shigella flexneri, Shigella sonnei, Staphylococcus aureus, Staphylococcus aureus sub species aureus, Staphylococcus aureus Methicillin Resistant, Staphylococcus aureus Community associated Methicillin Resistant, Staphylococcus aureus Community Associated Methicillin Resistant (CA-MRSA) (NARSA NRS 384) Genotype USA300), Staphylococcus aureus Vancomycin Intermediate Resistance (VISA), Staphylococcus epidermidis, Staphylococcus epidermidis Antibiotic resistant, Staphylococcus haemolyticus, Streptococcus agalactiae, Streptococcus mutans, Streptococcus pneumoniae penicillin Resistance, Streptococcus pyogenes, Vibrio cholera, Yersinia enterocolitica.

VIRUCIDAL PERFORMANCE: MicroVacc D125C was evaluated in the presence of 400 ppm hard water and 5% serum and found to be effective against the following viruses on hard, non-porous (inanimate) (environmental) surfaces:

Avian Influenza A (H3N2) virus (Avian Reassortant), Avian Influenza A (H5N1) virus, Cytomegalovirus, SARS-associated Coronavirus, Hantavirus, Hepatitis B virus, Hepatitis C virus, Herpes Simplex Virus Type 1, Herpes Simplex Virus Type 2, Human Coronavirus, Human Immunodeficiency Virus type 1 (HIV 1), Influenza A virus (H3N2), Influenza A (H1N1) (Strain A/PR/8/34), Respiratory syncytial virus (VR-26).

ANIMAL Premise Virucidal Performance:

Avian Infectious Bronchitis virus Beaudette IB42, Avian Influenza A (H5N1) virus, Avian Influenza A (H3N2) virus (Avian Reassortant) , Canine coronavirus, **Canine Parvovirus (Type 2B)(CPV) (8 oz. per gallon)**, Canine Distemper virus, Feline Picornavirus, Infectious Bovine Rhinotracheitis virus, **Mice (Parvovirus) (8 oz. per gallon)**, Porcine Parvovirus (8 oz. per gallon), Pseudorabies virus, **Rabies (8 oz. per gallon)**, Swine Influenza A (H1N1) virus (Strain A/Swine/Iowa/ 15/30), Transmissible Gastroenteritis virus, Vaccinia virus.

Non-Food Contact Sanitizing Performance: MicroVacc D125C is effective one-step sanitizer against the following on hard non-porous (inanimate) (environmental) surfaces: Klebsiella pneumoniae, Staphylococcus aureus.

*This product is not to be used as a terminal sterilant or high-level disinfectant on any surface or instrument that is, 1) introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body; or that, 2) contacts intact mucous membranes, but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi critical devices prior to sterilization or high-level disinfection.

FUNGICIDAL PERFORMANCE: Use this product to control the growth of mold and mildew and their odors on hard non-porous surfaces. For heavily soiled areas a preliminary cleaning is required. Thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears. Organisms: *Aspergillus niger*, *Candida albicans*, *Trichophyton mentagrophytes* (athlete's foot fungus) (a cause of Ringworm) (a cause of Ringworm of the foot)

PACKAGING INFORMATION: This product can be produce in clear/non-perfumed solution as well in dye and perfumed. Packaging can be done in quarts, 80 oz. container and gallons. Dispensers units can be obtained for the 80 oz. containers and gallons.

Important notice to users:

- Nothing contained herein grants or extends a license express or implied, in connection with patents, issued or pending of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees or anyone for any direct, special or consequential damages arising out of or relating to the accuracy, completeness, adequacy of such information.