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**DISINFECTION PERFORMANCE:** This product kills the following bacteria in 10 minutes at 2 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: Acinetobacter baumannii, Acinetobacter Iwoffi, Bordetella bronchiseptica, Chlamydia psittaci, Citrobacter freundii, Enterobacter agglomerans, Enterobacter aerogenes, Enterobacter cloacae, Escherichia coli, Escherichia coli O157:H7, Escherichia coli (Extended Spectrum B-Lactamase) (ESBL), Escherichia coli (Tetracycline Resistant), Enterococcus faecalis, Enterococcus hirae, Fusobacterium necrophorum, Klebsiella oxytoca, Klebsiella pneumoniae, Listeria monocytogenes, Micrococcus luteus, Pasturella multocida, Proteus vulgaris, Pseudomonas aeruginosa, Pseudomonas aeruginosa (Tetracycline Resistant), Pseudomonas cepacia, Salmonella enterica, Salmonella enteritidis, Salmonella enterica serotype pullorum, Salmonella typhi, Salmonella typhimurium, Serratia marcescens, Shigella flexneri, Shigella sonnei, Staphylococcus aureus, Staphylococcus aureus (Community Associated Methicillin Resistant) (CA-MRSA), Staphylococcus aureus (Methicillin Resistant) (MRSA), Staphylococcus epidermidis, Staphylococcus epidermidis (Ampicillin, Cefazolin, Oxacillin, Penicillin Resistant), Streptococcus agalactiae, Staphylococcus haemolyticus, Streptococcus pneumoniae (Penicillin Resistant), Streptococcus pyogenes, Streptococcus mutans, Enterococcus faecalis (Vancomycin Resistant), Staphylococcus aureus (Vancomycin Intermediate Resistant), Vibrio cholerae, Yersinia enterocolitica.

**VIROCIDAL\* PERFORMANCE:** This product kills the following viruses in 10 minutes at 2 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: Avian Influenza A (H3N2) Virus (Avian Reassortant), Avian Influenza A (H5N1) Virus, Cytomegalovirus, Coronavirus (SARS-associated), 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 (H3N2) Virus, Influenza A (H1N1) Virus, Respiratory Syncytial Virus.

**ANIMAL PREMISE VIROCIDAL\* PERFORMANCE:** This product kills the following viruses in 10 minutes at 2 oz. per gal. of 400 ppm hard water (660 ppm active) and 5% soil on hard, non-porous surfaces: Avian Infectious Bronchitis Virus (Strain Beaudette IB42), Avian Influenza A Virus (H5N1), Avian Influenza A Virus (H3N2), Canine Coronavirus, Canine Distemper Virus, Feline Picornavirus, Infectious Bovine Rhinotracheitis Virus, Pseudorabies Virus, Swine Influenza A Virus (H1N1), Transmissible Gastroenteritis Virus. This product kills the following viruses in 10 minutes at 9 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: Canine Parvovirus\*\*, Rabies Virus\*\*\*\* Indicates that a dilution of 9 oz. per gal. of water is required for this claim.

**NON-FOOD CONTACT SANITIZING PERFORMANCE:** This product is an effective one-step sanitizer in 3 minutes at 2 oz. per gal. of 400 ppm hard water (660 ppm active) and 5% soil on hard, non-porous surfaces: Klebsiella pneumoniae, Staphylococcus aureus.

**FUNGICIDAL PERFORMANCE:** This product kills the following fungi in 10 minutes at 2 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: Candida albicans, Trichophyton mentagrophytes (Athlete's foot fungus).

**MILDEWSTATIC PERFORMANCE:** This product controls the following mold at 2 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces for up to 7 days: Aspergillus niger.

**DIRECTIONS FOR USE**  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
Rinse hard, non-porous food contact surfaces with potable water after application of product.  
Before using this product, food products and packaging materials must be removed from the room or carefully protected.  
This product is not for use on medical device surfaces.

**FOR USE AS A GENERAL, HOSPITAL, MEDICAL DISINFECTANT, VIRUCIDE\*, FUNGICIDE:** Pre-clean heavily soiled areas. Apply use solution of 2 oz. of this product per gal. of water (or equivalent use dilution) to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Prepare a fresh solution daily or when visibly dirty.

**\*KILLS HIV, HBV AND HCV ON PRE-CLEANED HARD, NON-POROUS SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of hard, non-porous 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) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**  
**Personal Protection:** Wear protective latex gloves, gowns, masks and eye protection.  
**Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from hard, non-porous surfaces and objects before application of this product.  
**Disposal of Infectious Materials:** Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.  
**Contact Time:** Allow hard, non-porous surfaces to remain wet for 10 minutes for all organisms.

**CLEANING AND DISINFECTING HARD, NON-POROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORS):** Pre-clean equipment, if heavily soiled to ensure proper surface contact. Prepare a use solution by adding 2 oz. of this product per gal. of water (or equivalent use dilution) (660 ppm active). Gently mix for uniform use solution. Apply use solution to surfaces of the respirator with a sponge, brush, cloth, by immersion, mechanical spray device, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Treated surfaces must remain wet for 10 minutes. Remove excess solution from equipment prior to storage. The user must comply with all OSHA regulations for cleaning respiratory protection equipment (29 CFR § 1910.134). Prepare a fresh solution daily or when visibly dirty.

**NON-FOOD CONTACT SURFACE SANITIZING DIRECTIONS**  
**NON-FOOD CONTACT SURFACE SANITIZING:** Pre-clean heavily soiled areas. Add 2 oz. of this product per gal. of water (660 ppm active) (or equivalent use dilution). Apply solution to hard, non-porous surfaces with a sponge, brush, cloth, by immersion, mechanical spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 3 minutes. Prepare a fresh solution daily or when visibly dirty.

**SANITIZATION OF HARD, NON-POROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORS):** Add 2 oz. of this product per gal. of water (660 ppm active). Gently mix for uniform solution. Apply solution to surfaces of the respirator with a sponge, brush, cloth, by immersion, mechanical spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Thoroughly wet surfaces to be sanitized. Treated surfaces must remain wet for 3 minutes. Remove excess solution from equipment prior to storage. Prepare a fresh solution daily or when visibly dirty.

**FOR USE AS A GENERAL CLEANER AND/OR DEODORIZER:** Apply use solution of 2 oz. of this product per gal. of water to hard, non-porous surfaces. Allow to air dry. For heavy-duty use, apply 4 oz. of this product per gal. of water to clean hard, non-porous surfaces.

**TO CONTROL MOLD/MILDEW:** Pre-clean heavily soiled areas. Prepare use solution by adding 2 oz. of this product per gal. of water (or equivalent use dilution). Apply use solution to hard, non-porous surfaces which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every seven days, or more often if new growth appears.

**ANIMAL PREMISES:** Prior to use of this product, remove all animals and feeds from areas to be treated, animal transportation vehicles, and enclosures. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

**FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VIRUCIDE\*:** Prepare a use solution of 2 oz. of this product per gal. of water (or equivalent use dilution) (660 ppm) for effectiveness against designated animal viruses on the label.

**FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VIRUCIDE\*\*:** Prepare a use solution of 9 oz. of this product per gal. of water (or equivalent use dilution) (2970 ppm) for effectiveness against designated animal viruses on the label.  
Apply use solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, by immersion, mechanical spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Immerse all halters and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in the use solution. Treated surfaces must remain wet for 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers and other treated equipment which can contact food or water with soap or detergent, and rinse with potable water before reuse.

**FOGGING IN FOOD PREMISES**  
**ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING.**  
**DIRECTIONS FOR FOGGING IN DAIRIES, BEVERAGE AND FOOD PROCESSING PLANTS:** Prior to fogging, food products and packaging material must be removed from the room or carefully protected. After disinfecting, fog desired areas using 1 quart per 1,000 cubic feet of room area with a solution containing 3.6 oz. of product per gal. of water (1,200 ppm active) (or equivalent use dilution). Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Vacate the area of all personnel during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. When fogging is complete, ventilate buildings and other closed spaces. All food contact surfaces must be sanitized with an EPA approved food contact sanitizer solution prior to use. All food contact surfaces must be thoroughly rinsed with potable water prior to sanitizing.  
**Note:** The fog generated is irritating to the eyes, skin and mucous membranes. Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building must be entered, then the individuals entering the building must wear a self-contained respirator approved by NIOSH, goggles, long sleeves, gloves and long pants.



91R01  
Label #121172LBL  
J-17

# State<sup>®</sup> FORMULA 236

## Since 1911

# Terg-O-Cide

Disinfectant, Cleaner, Mildewstat, Fungicide, Virucide\*, Deodorizer

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride.....	2.54%
Alkyl (50% C14, 40% C12, 10% C16) Dimethyl Benzyl Ammonium Chloride.....	1.69%
<b>OTHER INGREDIENTS:</b> .....	95.77%
<b>TOTAL:</b> .....	100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER PELIGRO**  
See side panel for additional precautionary statements. See back panel for directions of use.

This product is a one-step, hospital-use germicidal disinfectant, cleaner and deodorant designed for general cleaning, and disinfecting of hard, non-porous non-food contact surfaces. This product cleans quickly by removing dirt, grime, mold, mildew, food residue, body oils, dead skin, blood and other organic matter commonly found in hospitals, medical and dental offices and clinics, healthcare facilities, nursing homes, physician offices, operating rooms/theaters, radiology rooms, isolation wards, quarantine areas, hospices, and medical research facilities, washing areas, ICU areas. For use on floors, and other hard, non-porous surfaces.

### FIRST AID

In case of emergency, call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **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. **IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. **IF SWALLOWED:** Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor immediately for treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Reg.No. 10324-154-70799

State Industrial Products  
5915 Landerbrook Drive  
Mayfield Heights, OH 44124  
To Order Call: 1-866-747-2229  
www.stateindustrial.com

EPA Est. No. 70799-OH-2

**NET CONTENTS: 1 U.S. Gallon (3.785 L)**

DISINFECTANT

Product #121172

www.statechemical.com

#### NON-ACID TOILET BOWL AND URINAL DISINFECTANT/CLEANING DIRECTIONS

Remove heavy soil prior to disinfection.

**From a Concentrate:** Add 2 oz. of this product directly into the water in the toilet bowl. Brush thoroughly over exposed surfaces and under the rim with a toilet brush, cloth, or sponge. Allow solution to stand for 10 minutes and flush.

**From a Use Solution:** Empty water out of toilet bowl or urinal and apply use-solution prepared by adding 2 oz. of this product per gal. of water (660 ppm active) to exposed surfaces, including under the rim with a toilet brush, cloth, or sponge, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Brush or swab thoroughly, then allow solution to stand for 10 minutes and flush.

**FOR HEAVY DUTY CLEANING OF TOILET BOWLS AND URINALS:** Pre-clean heavily soiled areas. Empty water from toilet bowl or urinal and apply a use solution of 4 oz. of this product per gal. of water to exposed surfaces including under the rim with toilet brush, cloth, or sponge, or mechanical spray device, coarse trigger spray device. For sprayer application, spray 6-8 inches from surface. Do not breathe spray. To aid in soil removal, allow to soak. Brush or swab thoroughly and allow solution to stand for 10 minutes and flush.

**DEEP CLEANING/DISINFECTING WATERFREE URINALS:** Pre-clean heavily soiled surfaces. Remove and properly dispose of cartridge according to manufacturer's directions. Deep clean or disinfect the entire urinal by applying a use solution of 2 oz. per gal. of water (660 ppm active) directly onto surface. Brush surfaces and let solution stand for 10 minutes. Wipe surface to clean. Change cartridge as needed. The unit is ready for use.

**FOR USE TO CLEAN AND DISINFECT SHOWER ROOMS, LOCKER ROOMS AND OTHER LARGE, OPEN AREAS WITH FLOOR DRAINS:** 1. Pre-clean heavily soiled areas. 2. Apply use solution of 2 oz. of this product per gal. of water (660 ppm active) to floors, walls and ceilings making sure not to over spray. To disinfect, all hard, non-porous surfaces must remain wet for 10 minutes. 3. Scrub using a deck brush or other coarse material as necessary. 4. Rinse surfaces thoroughly and let air dry. 5. Prepare a fresh solution daily or when visibly dirty.

**GENERAL DEODORIZATION:** To deodorize, apply 2 - 4 oz. of this product per gal. of water to hard, non-porous surfaces. Rinse and allow to air dry.

**CARPET CLEANING/DEODORIZING (Not for use in CA.) FOR INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE:** This product cleans and deodorizes the carpet. It can be used in industrial, institutional, commercial and residential areas such as motels, hotel chains, nursing homes and hospitals. Vacuum carpet thoroughly prior to application. Mix 2 - 4 oz. of this product per gal. of water (or equivalent use dilution). Follow the injection and/or extraction procedures as specified for any conventional steam cleaning equipment you are using. For rotary floor machines, mix 2 - 4 oz. of this product per gal. of water and spray on carpet at a rate of 300-500 sq. ft. per gal. Use this product on washable synthetic fibers. Do not use on wool. Test color fastness of carpet before use. Apply diluted product to a small concealed spot, then rub with a clean white cloth. If color changes or transfers to the cloth, a water-based product must not be used.

After using the product, set carpet pile in one direction with a stiff brush. Place aluminum foil under the legs of furniture while carpet is drying. Over-wetting can cause carpet to shrink. Manufacturer assumes no responsibility for over-wetting misuse.

**Note:** This product must not be mixed with other cleaning products.

#### MUSHROOM FARM INDUSTRY USE DIRECTIONS

**Site Preparation:** The first step in any ongoing sanitation program must be the removal of gross contamination and debris. This may be accomplished by using a shovel, broom, or vacuum, depending on the area to be disinfected.

**Disinfection:** For heavily soiled areas, pre-clean first. Use 2 oz. of this product per gal. of water (or equivalent use dilution) use solution. Wet all hard, non-porous surfaces thoroughly. Treated surfaces must remain wet for 10 minutes. Let air-dry. Prepare a fresh solution for each use.

**For Heavy Duty Cleaning:** When heavy duty cleaning is desired, use 4 oz. of this product per gal. of water (or equivalent use dilution). Heavily soiled areas will require repeated cleaning before treatment.

**DO NOT APPLY TO THE MUSHROOM CROP, COMPOST OR CASING.** Rinse treated surfaces with potable water before they contact the crop, compost or casing.

**CITRUS CANKER CONTROL:** For prevention of Citrus Canker Disease through treatment of equipment. Effective against Xanthomonas axonopodis pv. citri (Citrus Canker). Treat all trucks, cargo areas, wheels, tires, under carriages, hoods, roofs, fenders and any other part of transportation equipment, attached trailers, field harvesting vehicles and equipment thoroughly with a dilution of 6.4 oz. of this product per gal. of water (or equivalent use dilution) (2100 ppm active). Surfaces must remain wet for 10 minutes. Apply treatments by trigger spray, dip or brush. For sprayer applications, use a coarse spray device and spray 6-8 inches from hard, non-porous surfaces. After use, surfaces which come in contact with food or crop must be rinsed with potable water. Clothing must be either thoroughly rinsed or laundered before reuse. Footwear must be rinsed before reuse. Prepare a fresh solution daily or when visibly dirty. (Not for use in CA.)

**DISINFECTION/FUNGICIDE/VIRUCIDE\* OF HARD, NON-POROUS SURFACES IN WHIRLPOOL UNITS:** After using the whirlpool unit, drain unit. Prepare a use solution of 2 oz. of the product per gal. of water (or equivalent use dilution) and refill with use solution to just cover the intake valve or 2 inches above the highest jet. Briefly start the pump to circulate the solution. Turn off the pump. Wash down the unit sides, seat of the chair lift and any other related equipment with a clean swab, brush or sponge. Treated surfaces must remain wet for 10 minutes. After the unit has been thoroughly disinfected, drain the solution from the unit and rinse disinfected surfaces with fresh water. Wipe dry with a clean sponge or cloth or allow to air dry. Repeat for heavy soiled units.

**SANITIZATION OF HARD, NON-POROUS SURFACES IN WHIRLPOOL UNITS:** To remove body oils, dead tissue, soil and all other buildups or organic matter on surfaces after using the whirlpool unit, drain and refill with a solution of 2 oz. of this product per gal. of water (or equivalent use dilution) (660 ppm active) to just cover the intake valve or 2 inches above the highest jet. Briefly start the pump to circulate the solution. Turn off the pump. Wash down the unit sides, seat of the chair lift and any other related equipment with a clean swab, brush or sponge. Treated surfaces must remain wet for 3 minutes. After the unit has been thoroughly sanitized, drain the solution from the unit and rinse all with fresh water. Repeat for heavy soiled units. Then the unit is ready for reuse.

**CLEANSING OF EXTERIOR BODY SURFACES OF HUMAN REMAINS:** To cleanse away skin secretions and accompanying malodor, to ensure the removal of all soil and bloodstains, and to remove and reduce surface contamination, apply 2 - 4 oz. of this product per gal. of water (or equivalent use dilution) to the exterior surfaces of the body. Bathe the entire body using sponge or washcloth. A soft brush may be employed on surfaces other than the face. Allow a 10 minute contact time for optimal results. Prepare a fresh solution for each human remain.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Wear goggles or face shield and chemical resistant 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.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish, aquatic invertebrates, oysters and shrimp.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:** Non-Refillable Container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

No Print Zone