



Department of Agriculture  
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO.

7002.1



# ZEST ND

ONE-STEP DISINFECTANT

Kills H1N1 Influenza A virus.

GERMICIDAL DETERGENT AND DEODORANT

Disinfectant, Cleaner, Mildewstat, Fungicide, Virucide\*, Deodorizer for Hospitals, Nursing Homes, Hotels & Motels, Food Service, Commercial, Institutional, and Industrial Use, Suitable For Use in Schools. Effective in hard water up to 400 ppm hardness. Calculated as CaCO<sub>3</sub>, in the presence of 5% serum contamination.

Non-Dulling to Floors / Floor Finishes. Made in the USA Meets OSHA Bloodborne Pathogen Standard for HIV, HBV and HCV.

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride .....	2.535%
n-Alkyl (C <sub>11</sub> , 50%, C <sub>12</sub> , 40%, C <sub>18</sub> , 10%) dimethyl benzyl ammonium chloride .....	1.690%

<b>INERT INGREDIENTS:</b> .....	95.775%
<b>TOTAL:</b> .....	100.000%

**KEEP OUT OF REACH OF CHILDREN  
DANGER PELIGRO**

**PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.**

**DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.**

See side panel for additional precautionary statements and first aid statements.

EPA Reg. No. 10324-154-88864

EPA Est. No. 2230-IN-1

NET CONTENT: 1 GALLON (3.78 LITERS)

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

**DANGER. KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the 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.

**ENVIRONMENTAL HAZARD:** This product is toxic to fish.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not mix with oxidizers, anionic soaps and detergents. Do not use or store near heat or open flame.

**FIRST AID**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**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 advice. **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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **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. Call a poison control center or doctor for further treatment advice.

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

**DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions) AND NON-MEDICAL FACILITIES (Households, Schools, Restaurants, Food Services, Dairies, Beverage, Food Processing Plants, and Other Non-Medical Facilities):** This product is effective against: *Bordetella bronchiseptica*, *Chlamydia psittaci*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Escherichia coli*, *Fusobacterium necrophorum*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Pasturella multocida*, *Proteus vulgaris*, *Pseudomonas aeruginosa*, *Salmonella enterica*, *Salmonella typhi*, *Salmonella typhimurium*, *Shigella flexneri*, *Shigella sonnei*, *Staphylococcus aureus*, Community Associated Methicillin Resistant *Staphylococcus aureus* (CA-MRSA), Methicillin Resistant *Staphylococcus aureus* (MRSA), *Staphylococcus epidermidis*, *Streptococcus pyogenes*, Vancomycin Resistant *Enterococcus faecalis* (VRE), Vancomycin Intermediate Resistant *Staphylococcus aureus* (VISA)

**VIROCIDAL\* PERFORMANCE:** This product is effective against: Avian Influenza A H3N2 virus, Avian Influenza A H5N1 virus, SARS-associated Coronavirus, 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 virus, Respiratory syncytial virus

**FUNGICIDAL PERFORMANCE:** This product is effective against: *Candida albicans*, *Trichophyton mentagrophytes* - athlete's foot fungus/a cause of Ringworm

**MILDEWICIDAL PERFORMANCE:** This product is effective against: *Aspergillus niger*

1W309

This product has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces utilizing Duck Hepatitis B virus and Bovine viral diarrhoea virus (BVDV), surrogate for human Hepatitis C virus.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Before using this product, food products and packaging materials must be removed from the room or carefully protected. Do not use this product to clean, sanitize or disinfect utensils, glassware, dishes or interior surfaces of appliances.

**DISINFECTION/VIROCIDAL\*/FUNGICIDAL/MOLD AND MILDEW PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES:** Mix 2 ounces of this product with one gallon of water (660 ppm active).

For use with water hardness up to 400 ppm. For heavily soiled areas, a preliminary cleaning is required. Apply use solution to hard non-porous surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device or trigger spray device or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, mop or sponge. Treated surfaces must remain wet for 10 minutes. Wipe up excess liquid and allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all treated surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**FOR USE AS A ONE-STEP CLEANER/DISINFECTANT:**

1. Pre-clean heavily soiled areas.
2. Apply 2 ounces of this product per 1 gallon of water (660 ppm active) to hard, non-porous surfaces using a sponge, brush, cloth, mop, auto scrubber or mechanical spray device, coarse pump or trigger spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray.
3. Rub with brush, cloth, or sponge.
4. To disinfect, all surfaces must remain wet for 10 minutes.
5. Allow to air dry.
6. Change cloth, sponge or towels frequently to avoid redeposition of soil. Change the solution at least daily or when use solution becomes visibly dirty.

**FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A H5N1, H3N2, INFLUENZA A H1N1 MILDEW PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES** directions.

**DILUTION GUIDE:**

For Hospital or Medical Environment claims 2 oz/1 gal. water For General or Broad Spectrum claims 2 oz/1 gal. water  
For Public Health Virucidal\* claims 2 oz/1 gal. water For Mold and Mildew/Fungicidal claims 2 oz/1 gal. water

This product is not for use on Medical device surfaces. This product is a Hospital Use Disinfectant at 2 ounces of this product per 1 gallon of water modified in the presence of 400 ppm hard water.

When used as directed at a 1:64 dilution this product contains 660 ppm of active quaternary germicide, making it highly effective against a broad spectrum of pathogenic microorganisms.

**\*KILLS HIV, HBV AND HCV ON PRECLEANED ENVIRONMENTAL 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:** Clean up must always be done wearing protective latex gloves, gowns, masks and eye protection.

**Cleaning Procedure:** Blood and other body fluids containing HIV-1, HBV and HCV must be thoroughly cleaned from hard nonporous 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:** Leave hard nonporous surfaces wet for 10 minutes.

**NON-ACID TOILET BOWL & URINAL & BATHROOM DISINFECTANT/CLEANER DIRECTIONS**

**FROM CONCENTRATE:** Remove gross filth prior to disinfection. Add 2 ounces of this product directly into the toilet bowl or urinal. Brush thoroughly over exposed surfaces and under the rim with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device. Repeat and allow solution to stand for 10 minutes and flush. Change cloth, sponge or towels frequently to avoid redeposition of soil.

**FOR HEAVY DUTY CLEANING:** Pre-clean heavily soiled surfaces. Empty toilet bowl or urinal and apply 4 ounces of this product to exposed surfaces including under the rim with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device. Allow product to soak to aid in soil removal. For sprayer application, spray 6-8 inches from surface. Brush or swab thoroughly and allow solution to stand for 10 minutes and flush. Change cloth, sponge or towels frequently to avoid redeposition of soil.

**USE SOLUTION INSTRUCTIONS**

**PREPARATION OF USE SOLUTION:** Mix 2 oz. of this product per 1 gallon of water (660 ppm active).

**FROM USE SOLUTION:** Pre-clean surface. Empty water out of toilet bowl or urinal and apply ½ to 1 ounce use solution to exposed surfaces, including under the rim with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Allow solution to stand for 10 minutes and flush. Swab all areas after spraying. Refill toilet bowl or urinal with water. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty.

**TO CLEAN WATERFREE URINALS:** Remove any debris from the bowl. Spray ½ to 1 oz. of use solution onto urinal surface. DO NOT spray product directly onto cartridge. Wipe surface to clean. Change cartridge as needed.

**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 ounces of this product per 1 gallon of water (660 ppm active) to floors, walls and ceilings making sure not to over spray. To disinfect, all hard nonporous surfaces must remain wet for 10 minutes.  
**Special instructions for foam guns:** Pour concentrate into foam gun bottle and attach bottle to spray nozzle and ensure gun is attached to hose. **Note:** See foam gun instructions for more information. Make sure setting is set for a 1:64 dilution. Once in place, squeeze the handle to disperse foam solution. To disinfect, all surfaces must remain wet for ten minutes. Foam guns not for use in California.
3. Scrub surface using a deck brush or other coarse material as necessary.
4. Rinse surfaces thoroughly and let air dry.
5. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty.

**FOR USE AS A GENERAL CLEANER AND/OR DEODORIZER:** Apply ½ - 1 oz of use solution to surfaces. Allow to air dry. For heavy-duty use, apply 2 ounces of use solution to clean surfaces.

**CARPETS, CARPET CUSHIONS, UPHOLSTERY, DRAPES AND OTHER POROUS MATERIALS, SUB FLOORS, DRYWALL, TRIM AND FRAME LUMBER, TACKLESS STRIP AND PANELING:** To use as a deodorizer against water damage, extract the excess water. Test hidden area for colorfastness. Dilute 2 to 4 ounces of this product per 1 gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Apply directly with a mechanical spray device to fully saturate affected materials. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Roll, brush or agitate into materials. Follow with a thorough extraction. Dry rapidly and thoroughly.

**FOR USE ON FINISHED FLOORS:** To limit gloss reduction, use 2-4 ounces of this product per 1 gallon of water. Apply with a damp mop or auto scrubber. Allow surface to air dry.

**STORAGE AND DISPOSAL**

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

**CONTAINER HANDLING/PESTICIDE STORAGE:** Store only in original container. Do not reuse empty container. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**RESIDUE REMOVAL:** Triple rinse as follows: Fill the container ¼ full with water and recap. Agitate vigorously and drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat two more times. Wrap container and put in trash or offer for recycling if available.

**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 DISPOSAL:** Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. Follow Pesticide Disposal instructions.

**Made in the USA**

Manufactured For:  
Winzer Corporation

4060 E. Plano Pkwy  
Plano, TX 75074

800-527-4126

E-13

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

**DANGER. KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the 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.

**ENVIRONMENTAL HAZARD**

This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not mix with oxidizers, anionic soaps and detergents. Do not use or store near heat or open flame.

**DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions) AND NON-MEDICAL FACILITIES (Households, Schools, Restaurants, Food Services, Dairies, Beverage, Food Processing Plants, and Other Non-Medical Facilities):** This product is effective against: *Bordetella bronchiseptica*, *Chlamydia psittaci*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Escherichia coli*, *Fusobacterium necrophorum*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Pasturella multocida*, *Proteus vulgaris*, *Pseudomonas aeruginosa*, *Salmonella enterica*, *Salmonella typhi*, *Salmonella typhimurium*, *Shigella flexneri*, *Shigella sonnei*, *Staphylococcus aureus*, Community Associated Methicillin Resistant *Staphylococcus aureus* (CA-MRSA), Methicillin Resistant *Staphylococcus aureus* (MRSA), *Staphylococcus epidermidis*, *Streptococcus pyogenes*, Vancomycin Resistant *Enterococcus faecalis* (VRE), Vancomycin Intermediate Resistant *Staphylococcus aureus* (VISA)

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**MILDEWICIDAL PERFORMANCE:** This product is effective against: *Aspergillus niger*

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**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Before using this product, food products and packaging materials must be removed from the room or carefully protected. Do not use this product to clean, sanitize or disinfect utensils, glassware, dishes or interior surfaces of appliances.

**DISINFECTION/VIROCIDAL\*/FUNGICIDAL/MOLD AND MILDEW PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES:** Mix 2 ounces of this product with one gallon of water (660 ppm active).

For use with water hardness up to 400 ppm. For heavily soiled areas, a preliminary cleaning is required. Apply use solution to hard non-porous surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device or trigger spray device or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, mop or sponge. Treated surfaces must remain wet for 10 minutes. Wipe up excess liquid and allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all treated surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**FOR USE AS A ONE-STEP CLEANER/DISINFECTANT:**

1. Pre-clean heavily soiled areas.
2. Apply 2 ounces of this product per 1 gallon of water (660 ppm active) to hard, non-porous surfaces using a sponge, brush, cloth, mop, auto scrubber or mechanical spray device, coarse pump or trigger spray device or by immersion. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray.
3. Rub with brush, cloth, or sponge.
4. To disinfect, all surfaces must remain wet for 10 minutes.
5. Allow to air dry.
6. Change cloth, sponge or towels frequently to avoid redeposition of soil. Change the solution at least daily or when use solution becomes visibly dirty.

**FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A H5N1, H3N2, INFLUENZA A H1N1 VIRUS:** For use in hospitals, hotels, motels and schools follow the **DISINFECTION/VIROCIDAL\*/FUNGICIDAL/MOLD AND MILDEW PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES** directions.

**DILUTION GUIDE:**

For Hospital or Medical Environment claims 2 oz/1 gal. water For General or Broad Spectrum claims 2 oz/1 gal. water  
For Public Health Virucidal\* claims 2 oz/1 gal. water For Mold and Mildew/Fungicidal claims 2 oz/1 gal. water  
This product is not for use on Medical device surfaces. This product is a Hospital Use Disinfectant at 2 ounces of this product per 1 gallon of water modified in the presence of 400 ppm hard water.

When used as directed at a 1:64 dilution this product contains 660 ppm of active quaternary germicide, making it highly effective against a broad spectrum of pathogenic microorganisms.

1W309



# ZEST ND

## ONE-STEP DISINFECTANT

Kills H1N1 Influenza A virus.

### GERMICIDAL DETERGENT AND DEODORANT

Disinfectant, Cleaner, Mildewstat, Fungicide, Virucide\*, Deodorizer for Hospitals, Nursing Homes, Hotels & Motels, Food Service, Commercial, Institutional, and Industrial Use, Suitable For Use in Schools.

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. Made in the USA  
Meets OSHA Bloodborne Pathogen Standard for HIV, HBV and HCV.

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride ..... 2.535%

n-Alkyl (C<sub>12</sub>, 50%, C<sub>14</sub>, 40%, C<sub>16</sub>, 10%)

dimethyl benzyl ammonium chloride ..... 1.690%

**INERT INGREDIENTS:** ..... 95.775%

**TOTAL:** ..... 100.000%

## KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

**FIRST AID**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**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 advice. **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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **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. Call a poison control center or doctor for further treatment advice.

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

**PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.**

**DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.**

See side panel for additional precautionary statements.

EPA Reg. No. 10324-154-88864

EPA Est. No. 2230-IN-1

NET CONTENTS: 5 GALLONS (18.92 LITERS)

\*KILLS HIV, HBV AND HCV ON PRECLEANED ENVIRONMENTAL 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:** Clean up must always be done wearing protective latex gloves, gowns, masks and eye protection.

**Cleaning Procedure:** Blood and other body fluids containing HIV-1, HBV and HCV must be thoroughly cleaned from hard nonporous 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:** Leave hard nonporous surfaces wet for 10 minutes.

**NON-ACID TOILET BOWL & URINAL & BATHROOM DISINFECTANT/CLEANER DIRECTIONS**

**FROM CONCENTRATE:** Remove gross filth prior to disinfection. Add 2 ounces of this product directly into the toilet bowl or urinal. Brush thoroughly over exposed surfaces and under the rim with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device. Repeat and allow solution to stand for 10 minutes and flush. Change cloth, sponge or towels frequently to avoid redeposition of soil.

**FOR HEAVY DUTY CLEANING:** Pre-clean heavily soiled surfaces. Empty toilet bowl or urinal and apply 4 ounces of this product to exposed surfaces including under the rim with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device. Allow product to soak to aid in soil removal. For sprayer application, spray 6-8 inches from surface. Brush or swab thoroughly and allow solution to stand for 10 minutes and flush. Change cloth, sponge or towels frequently to avoid redeposition of soil.

**USE SOLUTION INSTRUCTIONS**

**PREPARATION OF USE SOLUTION:** Mix 2 oz. of this product per 1 gallon of water (660 ppm active).

**FROM USE SOLUTION:** Pre-clean surface. Empty water out of toilet bowl or urinal and apply ½ to 1 ounce use solution to exposed surfaces, including under the rim with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Allow solution to stand for 10 minutes and flush. Swab all areas after spraying. Refill toilet bowl or urinal with water. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty.

**TO CLEAN WATERFREE URINALS:** Remove any debris from the bowl. Spray ½ to 1 oz. of use solution onto urinal surface. DO NOT spray product directly onto cartridge. Wipe surface to clean. Change cartridge as needed.

**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 ounces of this product per 1 gallon of water (660 ppm active) to floors, walls and ceilings making sure not to over spray. To disinfect, all hard nonporous surfaces must remain wet for 10 minutes.  
**Special instructions for foam guns:** Pour concentrate into foam gun bottle and attach bottle to spray nozzle and ensure gun is attached to hose.

**Note:** See foam gun instructions for more information. Make sure setting is set for a 1:64 dilution. Once in place, squeeze the handle to disperse foam solution. To disinfect, all surfaces must remain wet for ten minutes. Foam guns not for use in California.

3. Scrub surface using a deck brush or other coarse material as necessary.

4. Rinse surfaces thoroughly and let air dry.

5. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty.

**FOR USE AS A GENERAL CLEANER AND/OR DEODORIZER:** Apply ½ - 1 oz of use solution to surfaces. Allow to air dry. For heavy-duty use, apply 2 ounces of use solution to clean surfaces.

**CARPETS, CARPET CUSHIONS, UPHOLSTERY, DRAPES AND OTHER POROUS MATERIALS, SUB FLOORS, DRYWALL, TRIM AND FRAME LUMBER, TACKLESS STRIP AND PANELING:** To use as a deodorizer against water damage, extract the excess water. Test hidden area for colorfastness. Dilute 2 to 4 ounces of this product per 1 gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Apply directly with a mechanical spray device to fully saturate affected materials. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Roll, brush or agitate into materials. Follow with a thorough extraction. Dry rapidly and thoroughly.

**FOR USE ON FINISHED FLOORS:** To limit gloss reduction, use 2-4 ounces of this product per 1 gallon of water. Apply with a damp mop or auto scrubber. Allow surface to air dry.

## STORAGE AND DISPOSAL

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

**CONTAINER DISPOSAL/PESTICIDE STORAGE:** Store only in original container. Do not reuse empty container. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**RESIDUE REMOVAL:** Triple rinse as follows: Fill the container ¼ full with water and recap. Agitate vigorously and drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat two more times. Wrap container and put in trash or offer for recycling if available.

**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 DISPOSAL:** Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. Follow Pesticide Disposal instructions.

**Made in the USA**  
Manufactured For:  
Winzer Corporation  
4060 E. Plano Pkwy  
Plano, TX 75074  
800-527-4126

E-13



Department of Agriculture  
STATE OF HAWAII

**LICENSED**

PERIOD **2014-2016** LIC. NO.

**7002.1**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the 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.

ENVIRONMENTAL HAZARD: This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS: Do not mix with oxidizers, anionic soaps and detergents. Do not use or store near heat or open flame.

DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions) AND NON-MEDICAL FACILITIES (Households, Schools, Restaurants, Food Services, Dairies, Beverage, Food Processing Plants, and Other Non-Medical Facilities): This product is effective against: Bordetella bronchiseptica, Chlamydia psittaci, Enterobacter aerogenes, Enterobacter cloacae, Escherichia coli, Fusobacterium necrophorum, Klebsiella pneumoniae, Listeria monocytogenes, Pasturella multocida, Proteus vulgaris, Pseudomonas aeruginosa, Salmonella enterica, Salmonella typhi, Salmonella typhimurium, Shigella flexneri, Shigella sonnei, Staphylococcus aureus, Community Associated Methicillin Resistant Staphylococcus aureus (CA-MRSA), Methicillin Resistant Staphylococcus aureus (MRSA), Staphylococcus epidermidis, Streptococcus pyogenes, Vancomycin Resistant Enterococcus faecalis (VRE), Vancomycin Intermediate Resistant Staphylococcus aureus (VISA)

VIROCIDAL\* PERFORMANCE: This product is effective against: Avian Influenza A H3N2 virus, Avian Influenza A H5N1 virus, SARS-associated Coronavirus, 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 virus, Respiratory syncytial virus

FUNGICIDAL PERFORMANCE: This product is effective against: Candida albicans, Trichophyton mentagrophytes - athlete's foot fungus/a cause of Ringworm

MILDEWICIDAL PERFORMANCE: This product is effective against: Aspergillus niger This product has passed the Virucidal Efficacy of a Disinfectant for Use on Inanimate Environmental Surfaces utilizing Duck Hepatitis B virus and Bovine viral diarrhoea virus (BVDV), surrogate for human Hepatitis C virus.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Before using this product, food products and packaging materials must be removed from the room or carefully protected. Do not use this product to clean, sanitize or disinfect utensils, glassware, dishes or interior surfaces of appliances.

DISINFECTION/VIROCIDAL\*/FUNGICIDAL/MOLD AND MILDEW PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES: Mix 2 ounces of this product with one gallon of water (660 ppm active). For use with water hardness up to 400 ppm. For heavily soiled areas, a preliminary cleaning is required. Apply use solution to hard non-porous surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device or trigger spray device or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, mop or sponge. Treated surfaces must remain wet for 10 minutes. Wipe up excess liquid and allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all treated surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

FOR USE AS A ONE-STEP CLEANER/DISINFECTANT:

- 1. Pre-clean heavily soiled areas.
2. Apply 2 ounces of this product per 1 gallon of water (660 ppm active) to hard, non-porous surfaces using a sponge, brush, cloth, mop, auto scrubber or mechanical spray device, coarse pump or trigger spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray.
3. Rub with brush, cloth, or sponge.
4. To disinfect, all surfaces must remain wet for 10 minutes.
5. Allow to air dry.
6. Change cloth, sponge or towels frequently to avoid redeposition of soil. Change the solution at least daily or when use solution becomes visibly dirty.

FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A H5N1, H3N2, INFLUENZA A H1N1 VIRUS: For use in hospitals, hotels, motels and schools follow the DISINFECTION/ VIROCIDAL\*/FUNGICIDAL/MOLD AND MILDEW PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES directions.

DILUTION GUIDE:

For Hospital or Medical Environment claims 2 oz/1 gal. water For General or Broad Spectrum claims 2 oz/1 gal. water For Public Health Virucidal\* claims 2 oz/1 gal. water For Mold and Mildew/Fungicidal claims 2 oz/1 gal. water This product is not for use on Medical device surfaces. This product is a Hospital Use Disinfectant at 2 ounces of this product per 1 gallon of water modified in the presence of 400 ppm hard water. When used as directed at a 1:64 dilution this product contains 660 ppm of active quaternary germicide, making it highly effective against a broad spectrum of pathogenic microorganisms.



ZEST ND ONE-STEP DISINFECTANT

Kills H1N1 Influenza A virus.

GERMICIDAL DETERGENT AND DEODORANT

Disinfectant, Cleaner, Mildewstat, Fungicide, Virucide\*, Deodorizer for Hospitals, Nursing Homes, Hotels & Motels, Food Service, Commercial, Institutional, and Industrial Use, Suitable For Use in Schools.

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. Made in the USA Meets OSHA Bloodborne Pathogen Standard for HIV, HBV and HCV.

Table with 2 columns: Ingredient Name and Percentage. Includes Didecyl Dimethyl Ammonium Chloride (2.535%), n-Alkyl (C12, 50%, C10, 40%, C8, 10%), dimethyl benzyl ammonium chloride (1.690%), and Inert Ingredients (95.775%). Total is 100.000%.

KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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 advice. 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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. 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. Call a poison control center or doctor for further treatment advice.

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

PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.

See side panel for additional precautionary statements.

EPA Reg. No. 10324-154-88864 EPA Est. No. 2230-IN-1 NET CONTENTS: 55 GALLONS (208.2 LITERS)

\*KILLS HIV, HBV AND HCV ON PRECLEANED ENVIRONMENTAL 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: Clean up must always be done wearing protective latex gloves, gowns, masks and eye protection.

Cleaning Procedure: Blood and other body fluids containing HIV-1, HBV and HCV must be thoroughly cleaned from hard nonporous 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: Leave hard nonporous surfaces wet for 10 minutes.

NON-ACID TOILET BOWL & URINAL & BATHROOM DISINFECTANT/CLEANER DIRECTIONS

FROM CONCENTRATE: Remove gross filth prior to disinfection. Add 2 ounces of this product directly into the toilet bowl or urinal. Brush thoroughly over exposed surfaces and under the rim with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device. Repeat and allow solution to stand for 10 minutes and flush. Change cloth, sponge or towels frequently to avoid redeposition of soil.

FOR HEAVY DUTY CLEANING: Pre-clean heavily soiled surfaces. Empty toilet bowl or urinal and apply 4 ounces of this product to exposed surfaces including under the rim with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device. Allow product to soak to aid in soil removal. For sprayer application, spray 6-8 inches from surface. Brush or swab thoroughly and allow solution to stand for 10 minutes and flush. Change cloth, sponge or towels frequently to avoid redeposition of soil.

USE SOLUTION INSTRUCTIONS

PREPARATION OF USE SOLUTION: Mix 2 oz. of this product per 1 gallon of water (660 ppm active).

FROM USE SOLUTION: Pre-clean surface. Empty water out of toilet bowl or urinal and apply 1/2 to 1 ounce use solution to exposed surfaces, including under the rim with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Allow solution to stand for 10 minutes and flush. Swab all areas after spraying. Refill toilet bowl or urinal with water. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty.

TO CLEAN WATERFREE URINALS: Remove any debris from the bowl. Spray 1/2 to 1 oz. of use solution onto urinal surface. DO NOT spray product directly onto cartridge. Wipe surface to clean. Change cartridge as needed.

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 ounces of this product per 1 gallon of water (660 ppm active) to floors, walls and ceilings making sure not to over spray. To disinfect, all hard nonporous surfaces must remain wet for 10 minutes.
Special instructions for foam guns: Pour concentrate into foam gun bottle and attach bottle to spray nozzle and ensure gun is attached to hose. Note: See foam gun instructions for more information. Make sure setting is set for a 1:64 dilution. Once in place, squeeze the handle to disperse foam solution. To disinfect, all surfaces must remain wet for ten minutes. Foam guns not for use in California.
3. Scrub surface using a deck brush or other coarse material as necessary.
4. Rinse surfaces thoroughly and let air dry.
5. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty.

FOR USE AS A GENERAL CLEANER AND/OR DEODORIZER: Apply 1/2 - 1 oz of use solution to surfaces. Allow to air dry. For heavy-duty use, apply 2 ounces of use solution to clean surfaces.

CARPETS, CARPET CUSHIONS, UPHOLSTERY, DRAPES AND OTHER POROUS MATERIALS, SUB FLOORS, DRYWALL, TRIM AND FRAME LUMBER, TACKLESS STRIP AND PANELING: To use as a deodorizer against water damage, extract the excess water. Test hidden area for colorfastness. Dilute 2 to 4 ounces of this product per 1 gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Apply directly with a mechanical spray device to fully saturate affected materials. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Roll, brush or agitate into materials. Follow with a thorough extraction. Dry rapidly and thoroughly.

FOR USE ON FINISHED FLOORS: To limit gloss reduction, use 2-4 ounces of this product per 1 gallon of water. Apply with a damp mop or auto scrubber. Allow surface to air dry.

STORAGE AND DISPOSAL

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

CONTAINER HANDLING/PESTICIDE STORAGE/CONTAINER DISPOSAL: Non-refillable container. Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. 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.

RESIDUE REMOVAL: To clean the container before final disposal, empty the remaining contents from this container into application equipment. Fill the container 1/4 full with water. Replace and tighten closures. Agitate vigorously or recirculate water for 30 seconds. Empty the rinsate into application equipment or a mix tank or store rinsate for disposal. Repeat this procedure two more times. Follow Pesticide Disposal instructions for rinsate disposal.

Made in the USA Manufactured For: Winzer Corporation 4060 E. Plano Pkwy Plano, TX 75074 800-527-4126

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