

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not reuse empty container. Keep from freezing.

**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:** Nonrefillable container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer container for recycling, if available.

## PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS

**DANGER: Corrosive.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear chemical splash-proof goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. 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 before reuse.

Medical Emergency  
1-800-851-7145

FOR INSTITUTIONAL USE

MSDS # MS0400109

Questions? Comments /  
¿Preguntas? Comentarios:  
1-800-558-2332 /  
www.diversey.com

5715136 (1/329)

# Blue Skies™ II



# Disinfectant Cleaner

### ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride ..... 2.1760%  
n-Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>)  
dimethyl benzyl ammonium chloride..... 2.0475%

**OTHER INGREDIENTS:** ..... 95.7765%

**TOTAL:** ..... 100.0000%

## KEEP OUT OF REACH OF CHILDREN DANGER

See additional precautionary statements on side panel.

Net Contents

# 3.78 L / 1 U.S. Gal.

**Diversey™**

STATE OF HAWAII  
Department of Agriculture

**ACCEPTED**

LICENSE NO.

**8017.137**

**Disc.**

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### FIRST AID

**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 OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**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.

**IN CASE OF EMERGENCY, CALL A POISON CONTROL CENTER OR DOCTOR  
FOR TREATMENT ADVICE.  
1-800-851-7145**

Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.

**Note to Physician:** Probable mucosal damage may contraindicate gastric lavage.

# 5516671

# Blue Skies™ II Disinfectant Cleaner

This product is a one-step germicidal disinfectant cleaner and deodorant designed for general cleaning, disinfecting, deodorizing and controlling mold and mildew on hard, non-porous environmental surfaces. It cleans quickly by removing dirt, grime, mold, mildew, and other common soils found in hospitals, nursing homes, schools and colleges, offices, veterinary clinics, pet shops, animal life science laboratories, hotels, motels, public areas and restrooms.

It is designed for use on the following hard, non-porous environmental surfaces: vinyl, painted surfaces, plastic surfaces, glazed ceramic, glazed porcelain, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, glazed tile, toilets, urinals, sinks, shower rooms and locker room areas - any hard, non-porous washable surface where disinfection is required. This product's non-dulling formula eliminates the time and labor normally required for rinsing. A potable water rinse is required for food contact surfaces. Do not use on glasses, dishes and utensils.

## DIRECTIONS FOR USE:

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

When used as directed at a 1:64 dilution (2 oz. per gallon of water), this product contains 660 ppm of active quaternary germicide making it highly effective against a wide variety of pathogenic microorganisms.

Using approved AOAC test methods under Good Laboratory Practices (GLP's), in the presence of 400 ppm hard water, 10% serum load and 10 minutes contact time, this product kills the following on hard non-porous inanimate surfaces:

### Bacteria:

*Pseudomonas aeruginosa*, (ATCC 15442)  
*Staphylococcus aureus*, (ATCC 6538)  
*Salmonella enterica*, (ATCC 10708)  
*Acinetobacter baumannii*, (ATCC 19606)  
*Enterococcus faecalis*, (ATCC 19433)  
*Escherichia coli*, (ATCC 11229)  
*Escherichia coli* O157:H7, (ATCC 43890)  
*Salmonella typhi*, (ATCC 6539)  
*Shigella dysenteriae*, (ATCC 29026)  
*Streptococcus pyogenes*, (ATCC 19615)

See reference sheet for a complete list of organisms.

**Bactericidal Stability of Use-Dilution** - Tests show this product, when diluted in 400 ppm hard water and in the presence of 5% serum load, remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to 1 year in storage as long as it remains sealed. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, dry containers when diluting this product.

Manufactured for:

©2011 Diversey, Inc., 8310 16th Street, Sturtevant, WI 53177-1964

This product can be applied by mop, sponge, cloth, paper towel, or hand pump coarse trigger sprayer. Change cloth, sponges or towels frequently to avoid redeposition of soil. For disinfection, all surfaces must remain wet for 10 minutes.

**To Prepare Use Solution:** Add the product at 2 oz. per gallon of water (1:64).

## For Use as a One-Step Cleaner/Disinfectant:

1. Pre-clean heavily soiled areas.
2. Apply Use Solution to hard, non-porous environmental surfaces.
3. All surfaces must remain wet for 10 minutes.
4. Wipe surfaces and let air dry.

Note - Rinsing is not necessary unless floors are to be coated with finish or restorer. All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water. Do not use on glassware, utensils, or dishes.

## To Sanitize Non-Food Contact Surfaces:

1. Pre-clean soiled hard non-porous surfaces.
2. Apply this product until surface is thoroughly wet.
3. Let stand 1 minute, then wipe.

Note: Not for use on food contact surfaces or on food preparation areas.

## For Use as a Cleaner and/or Deodorizer:

Apply Use Solution to surfaces. Wipe surfaces and let air dry.

## For Use as a Non-Acid Bowl Cleaner/Disinfectant in Toilet Bowls and Urinals from Use-Dilution:

1. Pre-clean heavily soiled areas.
2. Empty toilet bowls by forcing water through the trap. Apply Use Solution to exposed surfaces in toilet bowls and urinals.
3. Swab entire surface area especially under the rim.
4. Allow entire surface to remain wet for 10 minutes.
5. Flush toilet or urinal and rinse swab applicator thoroughly.

## 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 to floors, walls and ceilings making sure not to over spray. To disinfect, all 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.

**NOTE:** When cleaning floors position wet-floor signs around area to be cleaned.

Floors will be slippery when wet or contaminated with foreign materials. Promptly clean up spills and foreign materials.

**To Kill Mold and Mildew (in 5% soil load):** Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surfaces to remain wet for 10 minutes. Wipe surfaces and let air dry.

**To Control Mold and Mildew:** Apply Use Solution to pre-cleaned hard, non-porous environmental surfaces. Allow to air dry. Repeat application weekly or when growth reappears.

**To Kill Fungi:** Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surface to remain wet for ten (10) minutes. Wipe surfaces and let air dry.

## For Use in Treatment of Animal Housing Facilities:

1. Remove all animals and feeds 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 or detergent 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 ten 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.

**\*This product kills HBV, HCV and HIV-1 on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids** in health care settings (Hospitals, Nursing Homes) and other settings in which there is an expected likelihood of soiling of 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 Hepatitis B Virus, Hepatitis C Virus and Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

## SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HBV, HCV AND HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

**Cleaning Procedures:** Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

**Contact Time:** Allow surface to remain wet for 1 minute to kill HIV-1, 5 minutes to kill HBV & HCV, and for 10 minutes to kill all other organisms cited on the label.

**Disposal of Infectious Material:** Blood and other body fluids must be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

EPA Reg. No. 70627-23

EPA Est. No. 0312-WI-3 [NW]; 7546-WI-1 [WT]; 13938-CN-1 [LD]

Lot code letters indicate establishment number.

# Blue Skies™ II Disinfectant Cleaner

Using approved AOAC test methods under Good Laboratory Practices (GLP's), in the presence of 400 ppm hard water, 10% serum and 10 minute contact time, this product kills the following on hard non-porous inanimate surfaces:

## Bacteria –

*Pseudomonas aeruginosa*, (ATCC 15442)  
*Staphylococcus aureus*, (ATCC 6538)  
*Salmonella enterica*, (ATCC 10708) formerly known as *Salmonella choleraesuis*  
*Acinetobacter baumannii*, (ATCC 19606)  
*Acinetobacter calcoaceticus*, (ATCC 9957)  
*Bordetella bronchiseptica*, (ATCC 10580)  
*Burkholderia cepacia*, (ATCC 25416) formerly known as *Pseudomonas cepacia*  
*Campylobacter fetus*, (ATCC 27374)  
*Chlamydia psittaci*, (VR-125)  
*Citrobacter freundii*, (ATCC 8090)  
*Enterobacter agglomerans*, (ATCC 27155)  
*Enterobacter cloacae*, (ATCC 23355)  
*Enterobacter liquefaciens*, (ATCC 14460)  
*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)  
*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 enterica (pullorum)*, (ATCC 19945) formerly known as *Salmonella choleraesuis pullorum*  
*Salmonella enteritidis*, (ATCC 13076)  
*Salmonella gallinarum*, (ATCC 9184)  
*Salmonella schottmuelleri*, (ATCC 10719)  
*Salmonella typhi*, (ATCC 6539)  
*Salmonella typhimurium*, (ATCC 13311)  
*Serratia marcescens*, (ATCC 9103)  
*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)  
*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 Strains of Bacteria -

*Escherichia coli*, (ATCC 55244); (Resistant to Kanamycin)  
*Escherichia coli*, (ATCC 47041); (Resistant to Tetracycline)  
*Enterococcus faecalis*, (ATCC 51299); (Resistant to Vancomycin [VRE])  
*Staphylococcus aureus*, (NRS 123) (Genotype USA400) Community Associated Methicillin Resistant (CA-MRSA)  
*Klebsiella oxytoca*, (ATCC 15764); (Resistant to Ampicillin, Dihydrostreptomycin)  
*Micrococcus sedentarius*, (ATCC 27573); (Resistant to Methicillin)  
*Staphylococcus aureus*, (CDC HIP-5836), (Intermediate Vancomycin Resistance (VISA))  
*Staphylococcus aureus*, (NRS 384) (Genotype USA300) Community Associated Methicillin (CA-MRSA)  
*Staphylococcus aureus*, (ATCC 14154) (Resistant to Erythromycin, Penicillin, Streptomycin, Tetracycline)  
*Staphylococcus aureus*, (ATCC 33592) (Resistant to Methicillin [MRSA], Gentamicin [GRSA])  
*Staphylococcus epidermidis*, (ATCC 51625); (Resistant to Methicillin [MRSE])  
*Streptococcus pneumoniae*, (ATCC 51915) (Resistant to Penicillin [PRSP])

## \*Viruses –

\*Cytomegalovirus, (VR-538)  
\*Herpes simplex virus Type 1, (VR-733)  
\*Herpes simplex virus Type 2, (VR-734)  
\*Human Coronavirus, (VR-740)  
\*Influenza virus Type A<sub>2</sub> (Hong Kong), (VR-544)  
\*Parainfluenza virus Type 3, (VR-93)  
\*Respiratory syncytial virus, (VR-26)  
\*Rotavirus, (Strain WA)  
\*Vaccinia virus (smallpox vaccine virus), (VR-119)

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

Kills \*HBV & \*HCV when used as directed on hard, non-porous inanimate surfaces with a 5 minute contact time.

## \*Veterinary viruses:

\*Avian Infectious Bronchitis virus (IBV), (VR-22)  
\*Avian Influenza virus, (VR-2072)  
\*Canine distemper virus, (VR-128)  
\*Feline viral rhinotracheitis virus, (VR-636)  
\*Infectious bovine rhinotracheitis virus, (VR-188)  
\*New Castle disease, (VR-108)  
\*Pseudorabies virus, (VR-135)  
\*Transmissible gastroenteritis virus (TGE), (U of Minn. Strain)

## Fungi/Yeast

*Geotrichum candidum*, (ATCC 18301) *Saccharomyces cerevisiae*, (ATCC 2601)

**Non-Food Contact Sanitizer:** When used on hard, non-porous surfaces in the presence of 400 ppm hard water, and 5% serum load, this product reduces the following organisms by 99.9% with a 1 minute contact time on hard non-porous inanimate surfaces:

*Staphylococcus aureus*, (ATCC 6538) *Haemophilus influenzae*, (ATCC 10211)  
*Klebsiella pneumoniae*, (ATCC 4352) *Pseudomonas aeruginosa*, (ATCC 15442)  
*Enterococcus faecalis*, (ATCC 7080) *Salmonella enterica*, (ATCC 10708)  
*Escherichia coli* O157:H7, (ATCC 35150) *Shigella dysenteriae*, (ATCC 11835)

## Non-Food Contact Sanitizer - Antibiotic-Resistant Strains of Bacteria:

*Enterococcus faecalis*, (VRE) (ATCC 51575) *Staphylococcus aureus*, (MRSA) (ATCC 33592)

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

**Malodor Counteractancy:** eliminates odors and odor-causing bacteria on hard, nonporous surfaces in restroom areas, behind and under sinks and counters, and storage areas and other places where bacterial growth can cause malodors.

**Bactericidal Stability of Use-Dilution -** Tests show this product, when diluted in 400 ppm hard water and in the presence of 5% serum load, remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to 1 year in storage as long as it remains sealed. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, dry containers when diluting this product.

Using approved AOAC test methods under Good Laboratory Practices (GLP's), in the presence of 400 ppm hard water, 5% serum load and 10 minute contact time, this product kills the following on hard non-porous inanimate surfaces:

\*Viruses – \*Adenovirus Type 2, (VR-2)

## Fungi/Yeast –

Fungi: *Aspergillus niger*, (ATCC 6275)  
*Trichophyton mentagrophytes* (athlete's foot fungus), (ATCC 9533)  
Yeast: *Candida albicans*, (ATCC 10231)

**Mildewcidal Activity - kills the growth of mold and mildew:** *Aspergillus niger* (ATCC 6275) and the odors caused by them when applied to hard, non-porous environmental surfaces.

## To Sanitize Non-Food Contact Surfaces:

1. Pre-clean soiled hard non-porous surfaces.
2. Apply this product until surface is thoroughly wet.
3. Let stand 1 minute, then wipe.

Note: Not for use on food contact surfaces or on food preparation areas.

## For Use In 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 or detergent 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.