



Disinfectant 1 Wipe

CLASSIFICATION

- Bactericide, *Virucide, Tuberculocide, Fungicide, Deodorizer

PRODUCT DESCRIPTION

- **Disinfectant 1 Wipe** is a 1-step Hospital Disinfectant^{**} and is bactericidal, *virucidal, fungicidal, and tuberculocidal according to the Modified Germicidal Spray Test for towelettes, in the presence of 5% organic soil.
**a pre-clean step required for *HIV-1, *HBV, *HCV, and *Candida auris*.

FEATURES AND BENEFITS

Feature	Benefit
Effective in just 1 minute ² against the broad spectrum of organisms listed on the label	1 minute ² kill times allow for quick room turnover
LAS ³ active system	Gentle on surfaces, provides favorable material compatibility
One-step multi-purpose cleaner & disinfectant	Simplifies daily cleaning and disinfecting processes
Does not require PPE	Applicable for EVS room turn over and Nurse's stations
100% cellulose wipe substrate	Enhanced degradation vs. plastic ⁴
Absorbent wipe has greater liquid holding capacity	One wipe covers more surface area ⁵ helping to reduce the number of wipes needed ⁶
Available in soft pack, bucket and canister formats	Flexible packaging for user preference and variable workflows
Small flat packaging	Easy to transport, reduced storage space
Bucket is refillable	Single-use plastic reduction
USDA Certified Biobased Product ⁷	Helps progress toward sustainability goals

¹ Wipe substrate is 100% plastic-free. Soft packaging, bucket, refill, and canister comprised of plastic. Represents a 90%+ reduction in total plastic compared to the total plastic mass of a wipe canister containing 160 plastic wipes.

² Yeast and fungi require a 75-second contact time. Refer to label for use directions, EPA Reg. No. 1677-263.

³ Linear alkylbenzene sulfonates (LAS) is a broader category of surfactants of which Dodecylbenzenesulfonic Acid (DDBSA), the active ingredient of Disinfectant 1 Wipe, falls under.

⁴ According to ASTM D5511 quantitative laboratory tests performed which have demonstrated 94.3% relative biodegradation in 15 days of accelerated landfill testing, for the Ecolab Disinfectant 1 Wipe, made with substrate derived from 100% plastic free material and 0.6% relative biodegradation for a standard plastic-based wipe under the same test conditions. Actual rates of degradation will vary based on landfill conditions.

⁵ Laboratory tests performed have demonstrated that the Ecolab Disinfectant 1 Wipe, made with substrate derived from 100% plastic free fibers, maintains 4x surface area wetness, for the respective recommended EPA registered contact times, when compared to the market leading alcohol based disinfectant wipe. Dry times will vary based upon actual conditions, including temperature, relative humidity, and air flow.

⁶ Research conducted over 4 weeks in the OR of North Memorial Ambulatory Surgery Center Maple Grove in Minnesota demonstrated a 60% reduction in wipes used when compared to the market leading alcohol-based wipe. Actual results will vary based on operating conditions. Ecolab research available upon request.

⁷ Disinfectant 1 Wipe, Plastic Free Wipe Material are USDA Certified Biobased Product. For more information related to USDA Biobased Product Certification, visit <https://www.biopreferred.gov>

AREAS OF USE

Disinfectant 1 Wipe is recommended for use on hard non-porous surfaces in hospitals, long term care facilities, ambulatory surgical centers, clinics, CAT lab, dental offices, ambulances, emergency rooms, dialysis clinics, home health care, institutional facilities, laboratories, medical offices, operating rooms, patient rooms, public areas, radiology rooms, waiting rooms, day care centers, cafeterias, commercial kitchens, lodging establishments, athletic facilities, exercise facilities, locker rooms, universities, business and office buildings, correctional facilities, laundry rooms, pharmacies, public rest rooms, schools, veterinary clinics, cruise ships, transportation terminals, public facilities, recreational facilities, and retail businesses.

Use **Disinfectant 1 Wipe** On:

- Washable hard, nonporous surfaces of bathroom fixtures, countertops, high touch surfaces, patient monitoring equipment, physical therapy equipment surfaces, tables, bedside tables, computer keyboards, cords, desks, equipment surfaces, faucets, IV stands, light switches, nurse call button, over-bed tables, toys[†], telephones, exterior toilet bowl surfaces, and tiles, glazed.
- Non-critical medical device surfaces: wheelchairs, hospital beds, mobile workstations, nonporous mattresses, ultra-sound transducers and equipment, and non-critical equipment surfaces.
- Other hard, nonporous surfaces made of: finished woodwork, Formica®, glazed porcelain, metal, plastic, sealed granite, sealed marble, sealed quartz, sealed stone, stainless steel, vinyl and plastic upholstery. Note: do not use on unpainted wood, natural marble or brass.
- Use **Disinfectant 1 Wipe** to clean and disinfect hard nonporous surfaces in health clubs and locker rooms.

[†]rinse toys with clean, potable water after disinfecting.

Disinfectant 1 Wipe:

- Is formulated for use in daily maintenance programs with a balance of detergents, biocides and malodor counteractants that deliver effective cleaning, disinfecting and malodor control.
- Will disinfect, clean and deodorize hard non-porous surfaces such as sinks, counters, toilets and garbage cans in rest rooms, garbage storage areas, and other places where bacterial growth can cause malodors.

Disinfectant 1 Wipe is a 1-step Hospital Disinfectant, and is bactericidal, *virucidal, fungicidal, and tuberculocidal according to the Modified Germicidal Spray Test for towelettes, in the presence of 5% organic soil.

BACTERIA – 1 minute contact time

Pseudomonas aeruginosa ATCC 15442

Staphylococcus aureus ATCC 6538

Bordetella pertussis ATCC 12743

Escherichia coli ATCC 11229

Escherichia coli O157:H7 ATCC 35150

Salmonella enterica subspecies *enterica* serovar *Typhi* ATCC 6539

Stenotrophomonas maltophilia ATCC 25596

Streptococcus pyogenes ATCC 19615

Vibrio cholerae ATCC 14035

ANTIBIOTIC-RESISTANT STRAINS OF BACTERIA – 1 minute contact time

Acinetobacter baumannii (MDR) ATCC BAA-1605
Escherichia coli (ESBL) ATCC BAA-196
Escherichia coli (NDM-1) CDC 1001728
Enterococcus faecalis (VRE) ATCC 51299
Enterococcus faecium (MDR) ATCC 51559
Klebsiella pneumoniae (KPC) ATCC BAA-1705
Klebsiella pneumoniae (MDR) ATCC 51503
Klebsiella pneumoniae (NDM-1) ATCC BAA-2146
Proteus mirabilis (ESBL) ATCC BAA-856
Staphylococcus aureus MRSA ATCC 33592
Staphylococcus aureus VISA CDC HIP 5836
Staphylococcus aureus CA-MRSA Genotype USA 400 ATCC BAA-1683

VIRUSES* – 30 second contact time

*SARS-Related Coronavirus 2 SARS-CoV-2 (BEI Resources NR-52281) (Strain Isolate USA-WA 1/2020)

VIRUSES* – 1 minute contact time

*Adenovirus Type 5 strain Adenoid 75 ATCC VR-5
*Cytomegalovirus Strain AD-169 ATCC VR-538
*Hepatitis B Virus *HBV (Duck Hepatitis B as the surrogate)
*Hepatitis C Virus *HCV (Bovine Viral Diarrhea virus as the surrogate) ATCC VR-1422
*Herpes simplex virus type 1, Strain F(1) ATCC VR-733
*Herpes simplex virus type 2, Strain G ATCC VR-734
*Human Coronavirus strain 229E ATCC VR-740
*Human Immunodeficiency Virus type 1 *HIV-1 Strain HTLV-III_B
*Human Rotavirus Strain WA ATCC VR-2018
*Human Rhinovirus Type 37 strain 151-1 ATCC VR-1607
*Influenza A virus ATCC VR-544
*Influenza B strain B/Lee/40 ATCC VR-1535
*Norovirus Feline Calicivirus FCV, strain F-9 as the surrogate ATCC VR-782
*Respiratory syncytial virus (RSV) Strain Long ATCC VR-26
*Vaccinia virus, Strain WR ATCC VR-119

VETERINARY VIRUSES – 1 minute contact time

*Avian Influenza A virus strain VNH5N1-PR8/CDC-RG (CDC #2006719965)
*Bovine Viral Diarrhea virus (ATCC VR-1422)
*Canine Parvovirus Strain Cornell-780916-80 (ATCC VR-2017)
*Feline Calicivirus strain F-9 (ATCC VR-782)

YEAST – 1 minute contact time

Candida albicans ATCC 10231

YEAST – 75 second contact time

Candida auris AR-BANK #0381

FUNGI – 75 second contact time

Trichophyton interdigitale ATCC 9533

MYCOBACTERIUM - 45 second contact time @ 22.4°C

Mycobacterium bovis (BCG) (TB) (ATCC 35743)

A pre-clean step required for *HIV-1, *HBV, *HCV, and *C. auris*.

TO OPEN PACKAGE (SOFT PACK)

- Open flap
- Pull out wipe.
- Firmly close flap to retain moisture.

TO OPEN PACKAGE (BUCKET WIPE)

- Remove lid from bucket
- Tear open refill pouch
- DO NOT remove wipe roll from pouch
- Insert corner of center sheet through flap opening on lid.
- DO NOT push a finger through the opening
- Replace the cover
- Pull out first wipe and tear off at an angle
- When not in use, keep cap closed to prevent moisture loss

TO OPEN PACKAGE (BUCKET REFILL)

- Look for product expiration date on back of refill pouch
- Place refill pouch into bucket.
- Tear open refill pouch
- DO NOT remove wipe roll from pouch
- Insert corner of center sheet through flap opening on lid
- DO NOT push a finger through the opening
- Replace the cover
- Pull out first wipe and tear off at an angle
- When not in use, keep cap closed to prevent moisture loss
- To prevent cross contamination do not reuse wipe
- If bucket becomes contaminated or damaged replace immediately
- Replace bucket immediately if tabs below flap become damaged

TO OPEN PACKAGE (CANISTER)

- Remove cover and discard seal
- From center of roll, pull up a wipe corner, twist it into a point, and thread through the hold in cover
- Pull through about 1 inch
- Replace the cover.
- Pull first wipe and tear off at an angle
- Remaining wipe feeds automatically, read for next use
- When not in use, keep cap closed to prevent moisture loss

DIRECTIONS FOR USE

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- Do not use as a diaper wipe or for personal cleansing.
- Do not flush in toilet.

DIRECTIONS FOR USE – CONTINUED**TO CLEAN AND DEODORIZ HARD, NON-POROUS SURFACES:**

- Wipe surface until visibly wet. Let air dry. Discard wipe in trash.

DISINFECTION /BACTERICIDAL /*VIRUCIDAL /FUNGICIDAL /TUBERCULOCIDAL DIRECTIONS:

- Wipe hard, non-porous surfaces with wipe(s) until surface is visibly wet. Use enough wipes to keep surfaces visibly wet. Allow surface to remain visibly wet for recommended contact time. If surfaces are heavily soiled, clean first with another wipe before disinfecting. Discard used wipe(s) in the trash. Rinse food contact surfaces with clean potable water after disinfecting. Do not use to disinfect dishes, glassware, or utensils.

TO PRE-CLEAN HARD, NON-POROUS INSTRUMENTS PRIOR TO TERMINAL STERILIZATION/HIGH-LEVEL DISINFECTION:

- Instruments must be thoroughly pre-cleaned to remove excess organic debris, rinsed, and rough dried. Clean and rinse instruments before wiping with this product. Wipe all surfaces of instruments with this product until thoroughly wet. Allow to remain visibly wet for listed contact time. Wipe with a clean, damp cloth or paper towel and allow to air dry.

TO CLEAN AND DISINFECT HARD, NON-POROUS SURFACES IN A VETERINARY APPLICATION:

- For disinfection of pre-cleaned animal quarters and kennels. Remove all animals and feed from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings, and manure from walls, floors, and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering equipment. Pre-clean all surfaces with soap or detergent, and rinse with water. Wipe surfaces with this product until thoroughly wet. Allow surfaces to remain visibly wet for required contact times. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treated surfaces have been thoroughly rinsed with water and allowed to dry. Thoroughly scrub all treating, feeding, and watering appliances with soap or detergent, and rinse with potable water before re-use.

TO CLEAN AND DISINFECT HARD, NON-POROUS SURFACES:

- Wipe surface until visibly wet. Allow the treated surface to remain visibly wet for stated contact time. Let air dry. For visibly soiled areas, a pre-cleaning is required.

KILLS *HIV-1, *HBV, AND *HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/ OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS

- This product kills *HIV-1, *HBV, and *HCV on pre-cleaned 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 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 *HIV-1 *Hepatitis B virus or *Hepatitis C virus, a pre-clean step required for *HIV-1, *HBV, *HCV.

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

- **PERSONAL PROTECTION:** When handling items soiled with blood or body fluids, use disposable impervious gloves, gowns, masks, and eye coverings.
- **CLEANING PROCEDURE:** Blood and other body fluids must be thoroughly cleaned from surfaces and other objects before application of this product. This cleaning may be accomplished

with any cleaning solution, including this product. A pre-clean step required for *HIV-1, *HBV, *HCV.

- **CONTACT TIME:** Thoroughly wet the surface with Disinfectant 1 Wipe. Allow surface to remain visibly wet for 1 minute. The efficacy of a 1 minute contact time has been shown adequate against *HIV-1 *HBV, and *HCV.
- **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids must be autoclaved and disposed of in accordance with federal, state, or local regulations.

SPECIAL LABEL INSTRUCTIONS FOR CLEANING PRIOR TO DISINFECTION AGAINST CANDIDA AURIS:

- **PERSONAL PROTECTION:** Wear appropriate barrier protection such as gloves, gowns, masks, or eye covering.
- **CLEANING PROCEDURE:** Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with this product. Pre-cleaning is to include vigorous wiping and/or scrubbing and all visible soil is removed. Surfaces in patient rooms are to be cleaned in an appropriate manner, such as from right to left or left to right, on horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading the organism. Restrooms are to be cleaned last. Do not reuse soiled cloths.
- **INFECTIOUS WASTE DISPOSAL:** Materials used in the cleaning process that may contain feces/wastes are to be disposed of immediately in accordance with local regulations for infectious materials disposal.
- This product is not to be used as a terminal sterilant/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 (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 preclean critical or semi-critical medical devices prior to sterilization or high-level disinfection.

SPECIFICATIONS

Ingredients	Dodecylbenzene sulfonic acid Other Ingredients: Total:	0.29% 99.71% 100.00%
Appearance	Absorbed liquid (pre-saturated wipes)	
Color	White (liquid: clear, colorless)	
Odor	Sweet	
pH	2.1 – 2.4	
Flammability	Not flammable, does not sustain combustion	
Relative density	1.007 – 1.009	
Product Expiration	2 years	

ENVIRONMENT

- Hazard Rating: Health – 1; Flammability – 0; Physical Hazard – 0

REGULATORY REFERENCES

- US EPA Reg. No. 1677-263

STORAGE AND DISPOSAL

- Do not contaminate water, food or feed by storage or disposal.
- **PESTICIDE STORAGE:** Product must be stored in a dry area, away from direct sunlight and heat. Do not store in direct sunlight. Store in original container in areas inaccessible to children and persons unfamiliar with its proper use.
- **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste facility.
- **CONTAINER HANDLING (SOFT PACK, BUCKET REFILL, CANISTER):** Non-refillable container. Do not reuse or refill empty container. Rinse and recycle empty container or discard in trash.
- **CONTAINER HANDLING (BUCKET WIPE):** Refillable container. Refill this container with **Disinfectant 1 Wipe only**. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, rinse and recycle empty container or discard in the trash.
- **TOWELETTE DISPOSAL:** Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet.
- **KEEP FROM FREEZING**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

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. Call a poison control center or doctor for treatment advice.

FOR EMERGENCY MEDICAL INFORMATION CALL TOLL FREE: 1-800-328-0026

OUTSIDE NORTH AMERICA, CALL 1-651-222-5352

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

PACKAGING & PRODUCT NUMBERS

Product Format	Size Available	Product Number
Soft Pack	110 ct x 12 (wipe size: 7" x 5.75")	6000350
Bucket Wipe	375 ct x 2 (wipe size: 8" x 10")	6000378
Bucket Refill	375 ct x 2 (wipe size: 8" x 10")	6000382
Canister	160 ct x 12 (wipe size: 6" x 6.25")	6000390
Canister	72 ct x 12 (wipe size: 6" x 13")	6000393

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