

Dutch® Plus

READY-TO-USE DISINFECTANT SPRAY

PRODUCT DESCRIPTION:

When used as directed, Dutch® Plus is highly effective against a wide variety of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew. This product is a one-step germicidal, disinfectant cleaner and deodorant designed for general cleaning and disinfecting hard, non-porous inanimate surfaces.

EFFECTIVE AGAINST THE FOLLOWING PATHOGENS:

BACTERIA

Pseudomonas aeruginosa
Listeria monocytogenes
Staphylococcus aureus
Yersinia enterocolitica
Salmonella (choleraesuis) enterica
Enterococcus faecium
Escherichia coli
Corynebacterium ammoniagenes
Escherichia coli O157:H7
Salmonella (typhi) enterica
Streptococcus pyogenes (Necrotizing Fasciitis-Group A)

ANTIBIOTIC-RESISTANT BACTERIA

Methicillin resistant Staphylococcus aureus (MRSA)
Vancomycin resistant Enterococcus faecalis (VRE)
Vancomycin intermediate resistant Staphylococcus aureus (VISA)
Methicillin resistant Staphylococcus epidermidis (MRSE)

TUBERCULOCIDAL

Mycobacterium tuberculosis (BCG)

VIRUSES

Hepatitis A Virus (HAV)
Canine Parvovirus
Poliovirus Type 1
Hepatitis B Virus (HBV)
Hepatitis C Virus (HCV)
Bovine Viral Diarrhea Virus (BVDV)
Human Coronavirus
Avian Influenza A Strain H3N2
Avian Influenza A Strain H9N2
Paramyxovirus (Mumps)
SARS associated Coronavirus
Rhinovirus type 39
Rotavirus
HIV-1 (associated with AIDS)
Norovirus (Norwalk virus)
Feline Calicivirus
Rabies Virus
Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).

PRODUCT SPECIFICATIONS:

pH (concentrate)	12.0
Appearance	Light Blue
Fragrance	Light Citrus
Freezing Point	About 32°F
Solubility in Water	Complete
Flash Point	None

ACTIVE INGREDIENTS

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chlorides 0.105%
n-Alkyl (68% C₁₂, 32% C₁₄)
dimethyl ethylbenzyl ammonium chlorides 0.105%

INERT INGREDIENTS 99.790%

TOTAL 100.000%

EPA REGISTERED:

EPA Reg. No. 1839-83-1124

EPA Est. No. 62511-KS-1

DATA TECH SHEET

DILUTIONS	HEALTH	FLAMMABILITY	REACTIVITY
CONCENTRATE	NFPA 2 HMIS	NFPA 1 HMIS	NFPA 0 HMIS
CONCENTRAR			
PROPORCIÓN	SALUD	INFLAMABILIDAD	REACTIVIDAD

0	1	2	3	4
Minimal	Slight	Moderate	Serious	Severe
Mínimo	Mínimo	Moderar	Grave	Drástico

Dutch® Plus

DIRTIONS

This product is designed specifically as a general ready-to-use cleaner and disinfectant for use in homes, hospitals, nursing homes, patient rooms, operating rooms, shower rooms, locker rooms, public restrooms, schools and manufacturing facilities. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, plastic surfaces, laminated surfaces, bathrooms, shower stalls, bathtubs, and cabinets. **For plastic and painted surfaces, spot test on an inconspicuous area before use.** May be used in the kitchen on counters, sinks, appliances, and stovetops. A rinse with potable water is required for surfaces in direct contact with food.

DIRECTIONS FOR USE

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

This product is not for use on critical or semi-critical medical device surfaces.

DISINFECTION, DEODORIZING AND CLEANING - Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and the surface to remain wet for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 **1 minute** and for HBV and HCV **5 minutes**). No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum. **One-step cleaning and disinfection of toilet bowls and urinals:** Remove water from bowl by forcing water over trap with a swab mop applicator. Press swab mop against side of the bowl to remove excess water from applicator. Apply 1 to 2 ounces of this product evenly, allowing sufficient time for product to cover entire surface of bowl for maximum cleaning. Swab bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 **1 minute** and for HBV and HCV **5 minutes**) and flush. Using approved AOC test methods (under Good Laboratory Practices), in the presence of 5% blood serum and a **3 minute** contact time, unless otherwise noted, this product kills the following organisms on hard non-porous inanimate surfaces: **BACTERICIDAL ACTIVITY:** *Pseudomonas aeruginosa*, *Listeria monocytogenes*, *Staphylococcus aureus*, *Yersinia enterocolitica*, *Salmonella (choleraesuis) enterica*, *Enterococcus faecium*, *Escherichia coli*, *Corynebacterium ammoniagenes*, *Escherichia coli* O157: H7, *Salmonella (typhi) enterica*, *Streptococcus pyogenes* (Necrotizing Fasciitis-Group A) (V.A. Medical Center Isolate 04001).

ANTIBIOTIC-RESISTANT BACTERICIDAL ACTIVITY: *Methicillin resistant Staphylococcus aureus* (MRSA), *Vancomycin resistant Enterococcus faecalis* (VRE), *Vancomycin intermediate resistant Staphylococcus aureus* (VISA) (CDC Isolate 99287), *Methicillin resistant Staphylococcus epidermidis* (MRSE).

TUBERCULOCIDAL ACTIVITY - This product exhibits disinfectant efficacy against Mycobacterium tuberculosis BCG (Mycobacterium bovis) at 20 degrees Centigrade (20°C) when the treated surface is allowed to remain wet for **5 minutes**. ***VIRUCIDAL ACTIVITY** - This product kills on hard, non-porous inanimate surfaces when allowed to remain wet for a **10 minute** contact time against: Hepatitis A Virus (HAV), Canine Parvovirus, Poliovirus Type 1. This product when used on environmental, inanimate hard surfaces exhibits virucidal activity against: **Hepatitis B Virus (HBV)**, **Hepatitis C Virus (HCV)** and **Bovine Viral Diarrhea Virus (BVDV)** (NVSL) when the treated surface is allowed to remain wet for **5 minutes**; **Human Coronavirus** (ATCC VR-740), **SARS associated Coronavirus**, **Avian Influenza A strain H3N2** (ATCC VR-2072) and **Avian Influenza A strain H9N2** for **2 minutes**; **Paramyxovirus (Mumps)** (ATCC VR-1438), **Rhinovirus type 39** (ATCC VR-340) and **Rotavirus** (University of Ottawa) for **3 minutes**; **HIV-1 (associated with AIDS)** for **1 minute (60 seconds)**; and **Norovirus (Norwalk virus)**, **Feline Calicivirus** and **Rabies Virus** (CDC) for **30 seconds**. **Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu)**. **KILLS HIV-1, HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) 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 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: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, and eye coverings. **CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product. **CONTACT TIME:** Allow surface to remain wet for HBV and HCV **5 minutes**, for HIV-1 **1 minute**. **These contact times will not control other common types of viruses and bacteria.** **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids must be autoclaved and disposed of according to local regulations for infectious waste disposal. **FUNGICIDAL ACTIVITY** - This product is fungicidal against the pathogenic fungus, *Trichophyton mentagrophytes* (ATCC 9533) (Athlete's Foot Fungus), when used with a 10 minute contact time on clean, non-porous, hard surfaces as found in bathrooms, shower stalls, locker rooms, or other areas commonly contacted by bare feet. **EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).** **MILDEWSTAT** - To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

FIRST AID:

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. 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 the 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 by 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.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. **PESTICIDE STORAGE** - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

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. Do not reuse or refill container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

TRANSPORTATION INFORMATION:

U.S. DOT - Proper Shipping Name: Not-Restricted by DOT.

Marine Pollutant: No.

MSDS RETRIEVAL
Read MSDS before using this product

800-848-4901

www.franklintechnology.com

OBTENCIÓN DE HDSM

Leer la HDSM antes de utilizar este producto

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