Suprox-D®



Suprox-D is a quaternary ammonium chloride based disinfectant cleaner containing hydrogen peroxide stabilized with phosphoric acid and an amine oxide surfactant to aid cleaning. Suprox-D is a one-step disinfectant that is effective against a broad spectrum of bacteria, is *virucidal (including HIV-1, HBV and HCV) and inhibits the growth of mold and mildew and their odors when used as directed. Suprox-D cleans, shines, deodorizes, and disinfects all hard non-porous surfaces listed on the label. It inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and fresh smelling. Intended for use with the Hillyard Arsenal One Dispensing systems.

- EPA Registration No. 1839-224-1658
- Hospital disinfectant
- Economical two-ounce per gallon dilution rate.
- Dye-free and fragrance free

Technical Specifications

Appearance	Clear Liquid
Dilution Rate	1:64
Color	Colorless
Scent	Non-Objectionable
Non Volatile Matter	6.00 - 7.00%
pH @ 25 deg. C	1.7 - 2.7
EPA Registration No.	EPA Reg. No. 1839-224-1658

Safety

See material safety data sheet and product for safety information, handling and proper use.

HMIS (Concentrate/RTU)

Flammability = 2/0 Health = 3/1 Reactivity = 0/0

Availability

HIL0083225 4 - 2.5 Liter Containers

Directions

DISINFECTION CLAIMS SUPROX-D IS AN EFFECTIVE BACTERICIDE*** AND *VIRUCIDE WHEN DILUTED IN HARD WATER UP TO A MAXIMUM OF 200 PPM HARDNESS (AS CaC03) IN THE PRESENCE OF ORGANIC SOIL LOAD (5% BLOOD SERUM). Disinfects against Staphylococcus aureus (ATCC 6538), Pseudomonas aeruginosa (ATCC 15442), Salmonella enterica (ATCC 10708), Escherichia coli (ATCC 11229), Escherichia coli 0157:H7 (ATCC 43895), Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) (Genotype 300), Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) (Genotype 400), Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 33593). **DIRECTIONS FOR USE** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **This product contains hydrogen peroxide. This product must not be mixed or stored with products containing ammonia and bleach, or other reducing and oxidizing agents. Contact with metals, metal ions, wood dust, or wood shavings may cause product decomposition. DISINFECTION:** To disinfect hard non-porous inanimate surfaces, dilute 2 ozs. of concentrate per gallon of water (1:64 dilution) (or equivalent dilution). Remove heavy soil deposits from surfaces. Apply to surfaces using a cloth, mop, sponge, or coarse trigger sprayer.

Spray 6- 8 inches from surface to be treated, thoroughly wetting the surface. Allow surface to remain wet for 10 minutes. Rub with brush, sponge, or cloth. Do not breathe spray. Wipe area with a clean cloth or allow to air dry. When using on food contact surfaces: counter tops, highchairs, thoroughly rinse all treated surfaces with potable (tap) water. This product must not be used to clean eating utensils, glassware and dishes. **DEODORIZATION:** To deodorize, apply this product as indicated under the heading DISINFECTION. For heavy duty deodorization dilute this product at 4 to 6 ounces per gallon and apply as directed under heading DISINFECTION. ***Virucidal Activity: *Virucidal in 1 minute** against Human Immunodeficiency Virus Type 1 (Strain HTLV-IIIB) (HIV-1) at 2 ozs. per gallon in 200 ppm hard water (calculated as CaCO3) plus 5% organic blood serum. ***Virucidal in 10 minutes** against Influenza Type A (ATCC VR-544) and Hepatitis C Virus (HCV) at 2 ozs. per gallon in 200 ppm hard water (calculated as CaCO3) plus 5% organic blood serum. ***Virucidal in 10 minutes** against Hepatitis B Virus (HBV) at 6 ozs. per gallon in 200 ppm hard water (calculated as CaCO3) plus 5% organic blood serum. **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 latex gloves, gowns, masks and eye coverings. **CLEANING PROCEDURES:** Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of this product. **CONTACT TIME:** HIV-1 is inactivated after a 1 minute contact time. HBV and HCV are inactivated after a 10 minute contact time. **DISPOSAL OF INFECTIOUS MATERIAL:** Blood and other body fluids must be autoclaved and disposed of according to local regulations for infectious waste disposal. **DISINFECTING and CLEANING OF WHIRLPOOLS AND FOOTBATHS:** To remove body oils, dead tissue, soil and all other buildups or organic matter on inanimate surfaces after using the footbath, drain the water and thoroughly clean all hard, non-porous surfaces with soap or detergent, then rinse with water. Wet surfaces with a use-solution of 2 ozs. per gallon of water (1:64 dilution). Apply solution to exposed surfaces with a cloth, mop, sponge or sprayer. For spray applications, use a coarse spray device. Do not breathe spray. Brush or swab thoroughly and allow solution to stand for 10 minutes. After the bath has been thoroughly disinfected, rinse all surfaces with clean fresh water. Whirlpools and footbaths should not be used until treatment has set and dried. Inside right panel: **CLEANING TOILET BOWLS and URINALS:** Swab bowl with brush to remove heavy soil prior to cleaning. Clean toilet bowl and urinal exteriors by applying use-solution around the bowl and up under the rim. Stubborn stains may require brushing. Thoroughly wet the bowl and urinal surfaces with a use-solution of 2 ozs. per gallon of water. Swab the bowl completely using a scrub brush or mop. Let stand for 10 minutes. **DISINFECTING FOOD SERVICE ESTABLISHMENT (RESTAURANT) FOOD CONTACT SURFACES:** Countertops, appliances, tables, wet the surfaces with a use-solution of 2 ozs. per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge or hand pump trigger sprayer to thoroughly wet all surfaces. Allow surfaces to remain wet for 10 minutes, then remove excess liquid and rinse the surfaces with potable water. This product cannot be used to clean the following food contact surfaces: utensils, glassware and dishes. **CARPET CLEANING (SPOTTER):** For coffee as well as other water based stains, apply a small amount of this product to the stain. Agitate with a bone scraper and let stand for 3-5 minutes. Blot dry and rinse with clean water. Repeat as needed until the stain is completely removed. Always test first in an inconspicuous area. To test: Apply a small amount, press with an absorbent white cloth for 10 seconds and see if there is any dye transfer. **CARPET CLEANING (PRE-SPRAY):** Dilute at 2 ozs. per gallon of water (1:64 dilution). Let stand for 5 -10 minutes. Extract carpet. Allow to dry before allowing foot traffic on carpet. **GLASS CLEANING:** Dilute 1 oz. of product per gallon of water. Spray onto glass surface. Use through a coarse hand pump trigger sprayer device. Do not breathe spray. Wipe dry with an absorbent cloth or towel. **GENERAL CLEANING:** For cleaning and deodorizing, dilute 2 ozs. of concentrate per gallon of water (1:64). Cleaning may be accomplished with a clean mop, sponge, squeegee, wet vacuum system or a trigger spraying device. Spray 6-8 inches from the surface to be treated, thoroughly wetting the surface. After cleaning, remove suspended soils with a clear water rinse, vacuum pick up, or by wiping with a clean mop, sponge, squeegee, or cloth or allow to air dry. Do not breathe spray.

Efficacy:

BACTERICIDAL ACTIVITY: 10-minute contact time, Staphylococcus aureus (ATCC 6538), Pseudomonas aeruginosa (ATCC 15442), Salmonella enterica (ATCC 10708), Escherichia coli (ATCC 11229), Escherichia coli 0157:H7 (ATCC 43895), Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) (Genotype 300), Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) (Genotype 400), Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 33593).

***VIRUCIDAL ACTIVITY:**

1-minute contact time, Human Immunodeficiency Virus Type 1 (Strain HTLV-III_B) (HIV-1)

10-minute contact time: Influenza Type A (ATCC VR- 544) and Hepatitis C Virus (HCV), Hepatitis B Virus (HBV).