

# Suprox-D™

HILLYARD  
**CONNECT**

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This product can be used as a disinfectant in the following areas: Bathrooms, kitchens, day care centers, nurseries, athletic facilities, airports, cruise ships, casinos, office buildings, colleges, correctional facilities, dressing rooms, health clubs, factories, food service establishments, lodging establishments, institutional facilities, institutions, locker rooms, public facilities, public restrooms, retail facilities, schools, showers and bath areas, boats, buses, trailers, universities, and warehouses. This product can be used in the following hospital/healthcare settings: dental offices, health care facilities, hospitals, medical offices, and nursing homes.

## Features & Benefits

- Disinfectant with the cleaning power of peroxide
- Economical 2 oz. per gallon dilution rate
- Neutral pH when diluted properly at 2 oz. per gallon of water

## Efficacy

**BACTERICIDAL ACTIVITY:** When use as directed at 2 ozs. per gallon of water (1:64), at 10 minutes contact time, Suprox-D exhibits effective disinfectant activity against:

Pseudomonas aeruginosa (ATCC 15442)  
Staphylococcus aureus (Staph) (ATCC 6538)  
Salmonella (choleraesuis) enterica (Salmonella) (ATCC 10708)  
Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 33593)  
Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) Genotype USA 300  
Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) Genotype 400  
Escherichia coli (ATCC 11229)  
Escherichia coli 0157:H7 (ATCC 43895)

**\*Virucidal ACTIVITY:** When use as directed at 2 ozs. per gallon of water (1:64), Suprox-D is effective against:

Influenza Type A (ATCC VR-544) with a 10 minute contact time  
Human Immunodeficiency Virus type 1 (Strain HTLV-IIIb) (HIV-1) with a 1 minute contact time

\*This product kills HIV-1 in 1 (one) minute on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or bodily 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).



## Safety

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

## HMIS

## Concentrate/RTU

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

## Technical Specifications

Color	Colorless
Scent	Non-objectionable
Appearance	Clear Liquid
pH (concentrate)	1.7 - 2.7
Non-Volatile Matter	6.00 - 7.00%
Dilution Rate	1:64

## Availability

Item	Pack
HIL0060925	4 - 2.5 Liter Containers

## Registrations

EPA Reg. No. 1839-224-1658

HILLYARD

P.O. Box 909  
St. Joseph, MO 64502  
1-800-365-1555  
www.hillyard.com

## Directions For Use

This is an EPA registered disinfectant. Please refer to the actual container label for complete directions.  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### DISINFECTION CLAIMS

SUPROX-D IS AN EFFECTIVE BACTERICIDE\*\*\* AND \*VIRUCIDE WHEN DILUTED IN HARD WATER UP TO A MAXIMUM OF 200 PPM HARDNESS (AS CaCO<sub>3</sub>) 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 CaCO<sub>3</sub>) 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 CaCO<sub>3</sub>) 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 CaCO<sub>3</sub>) 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.

### 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.

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

Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or inhaled. Do not get in eyes, on skin or on clothing. Wear eye protection (goggles, safety glasses with side shields, or face shield). Wear coveralls worn over long-sleeved shirts and long pants, chemical resistant gloves, socks, and chemical resistant footwear. Avoid contamination of food. 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.

**PHYSICAL OR CHEMICAL HAZARDS**

Combustible. This product contains an oxidizer. Do not store near heat, flame, or in direct sunlight. Avoid storage at elevated temperatures. Do not store near wood shavings, dust or similar combustible materials.

**STORAGE AND DISPOSAL**

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

**CONTAINER STORAGE** – Keep product under locked storage, inaccessible to children.

**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 this container. Offer for recycling, if available. Triple rinse 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. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.