



GENERAL DESCRIPTION

Coverage Plus NPD One-Step Cleaner Disinfectant is a one-step cleaner, disinfectant, and deodorizer concentrate consisting of four quaternary ammonium compound chains formulated with a compatible biodegradable detergent system. The use dilution, 1/2 fluid oz/gal of water (0.4% V/V), of Coverage Plus NPD disinfectant delivers 850 ppm active germicidal quat for broad spectrum effectiveness, when diluted with water, up to 400 ppm hardness (AOAC hard water) and in the presence of 5% blood serum.

Coverage Plus NPD disinfectant may be used for simultaneous cleaning and disinfecting of washable hard, non-porous environmental surfaces such as floors, walls, and processing equipment. Objectionable odors are chemically neutralized rather than masked. Coverage Plus NPD disinfectant is intended for use in institutions such as food processing plants, pharmaceutical and cosmetic manufacturing facilities, veterinary clinics, animal research facilities, and other indoor areas where contamination prevention is a necessity.

Coverage Plus NPD disinfectant may also be used for cleaning and disinfecting glass, chrome, stainless steel, porcelain, tile, washable painted or varnished surfaces, plastics, as well as resilient vinyl, linoleum, asphalt, rubber or terrazzo floors.

FEATURES

Hard water effective

5% serum effective

Concentrated

Broad-spectrum germicidal activity

Advanced detergent system

One-stroke delivery system

BENEFITS

Disinfection verified with tap water of up to 400 ppm hardness as CaCO₃

Cleaning and disinfection accomplished in one-step

Cost effective

Effective disinfection on hard surfaces

Provides superior cleaning ability while disinfecting

Safe, accurate, and controlled product use

PHYSICAL PROPERTIES

Form	Straw colored liquid
Odor	Mild chemical
Specific gravity	1.008 typical
pH (undiluted)	13.0 typical
pH (0.4% dilution)	10.8 typical
Flash point	60°C (140°F) Tag closed cup

BACTERICIDAL PROPERTIES

The official test for determining the germicidal efficacy of a one-step cleaner disinfectant is the Use-Dilution Method as stated in the *AOAC Methods of Analysis*. Coverage Plus NPD disinfectant diluted 1/2 oz/gal (0.4% V/V) in 400 ppm (as CaCO₃) hard water is effective against the following microorganisms, in the presence of 5% blood serum, in 10 minutes at 20-25°C (68-77°F).

<i>Acinetobacter baumannii</i>	
<i>Brevibacterium ammoniagenes</i>	ATCC 6871
<i>Enterobacter aerogenes</i>	ATCC 13048
<i>Escherichia coli</i>	ATCC 11229
<i>Klebsiella pneumoniae</i>	ATCC 4352
<i>Pseudomonas aeruginosa</i>	ATCC 15442
<i>Pseudomonas cepacia</i>	ATCC 17765
<i>Pseudomonas cepacia</i>	ATCC 25416
<i>Pseudomonas cepacia</i>	ATCC 25608
<i>Salmonella choleraesuis</i>	ATCC 10708
<i>Campylobacter jejuni</i>	ATCC 29428

<i>Enterococcus faecalis</i>	ATCC 29428
<i>Salmonella schottmuelleri</i>	ATCC 10719
<i>Salmonella typhi</i>	ATCC 6539
<i>Serratia marcescens</i>	ATCC 274
<i>Shigella dysenteriae</i>	ATCC 9380
<i>Staphylococcus aureus</i>	ATCC 6538
<i>Streptococcus pyogenes</i>	ATCC 12384

FUNGICIDAL PROPERTIES

The official test for determining the fungicidal efficacy of a one-step cleaner disinfectant is the Fungicidal Test method as described in the *AOAC Methods Of Analysis*, and modified as required by EPA regulations. Coverage Plus NPD disinfectant diluted 1/2 oz/gal (0.4% v/v) in 400 ppm (as CaCO₃) hard water is effective against *Trichophyton mentagrophytes* in the presence of 5% blood serum, in 10 minutes at 20-25°C (68-77°F).

VIRUCIDAL PROPERTIES

The following viruses in the presence of 5% blood serum were inactivated by Coverage Plus NPD disinfectant diluted 1/2 oz/gal (0.4% v/v) in 400 ppm (as CaCO₃) hard water in 10 minutes at 20-25°C (68-77°F).

Viruses

Adenovirus Type 5 at 1:64 Dilution (2 oz/gal)

Herpes simplex types 1 and 2

Hepatitis B virus (HBV)

Hepatitis C virus (HCV)

HIV-1 (AIDS virus)

Human Coronavirus

Influenza Type A/Brazil

Respiratory syncytial virus (RSV)

Vaccinia (Pox virus)

Animal Viruses

Avian influenza virus

Avian infectious bronchitis virus

Canine distemper virus

Newcastle's disease virus

Pseudorabies virus

DIRECTIONS FOR USE

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

Cleaning and Disinfecting Washable Hard, Non-Porous Surfaces

Add 1/2 ounce to each measured gallon of water used. Always add Coverage Plus NPD disinfectant to premeasured water. Gently mix for a uniform solution. Apply solution with a cloth, sponge, mop, or brush using normal cleaning methods. Thoroughly wet all surfaces to be cleaned. Treated surfaces should remain wet for 10 minutes, then remove excess solution with a wrung-out applicator. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use-solution becomes visibly dirty. Coverage Plus NPD disinfectant is a complete product. Do not add other chemicals. Use only as directed.

Mold and Mildew Control (*Aspergillus niger*)

At 1/2 ounce to each measured gallon, Coverage Plus NPD disinfectant effectively inhibits the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces with a cloth or mop so as to thoroughly wet surfaces. Treated surfaces must remain wet for 10 minutes. Allow to dry on surface and repeat when mildew growth returns.

Sanitizing Food Contact Surfaces

At 1/2 ounce to each measured 5.5 gallon use level (0.07%), Coverage Plus NPD disinfectant is an effective sanitizer against *Staphylococcus aureus* and *Escherichia coli* on hard, porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

STORAGE AND DISPOSAL

Storage (for one gallon or less)

Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Discard in trash or recycle.

Storage (for greater than one gallon)

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

Pesticide Storage

Do not store on side. Avoid creasing or impacting of side walls.

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray, or mixture of 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.

Plastic Container Disposal

Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke

SERVICE

Sales

Service is one of the most important ways to verify consistent quality of the facility's performance and operation. A tailored service program by STERIS provides effective, trouble-free operations.

Technical

STERIS is pleased to provide a completely staffed and equipped technical service laboratory capable of performing needed tests and providing both telephone and on-site assistance when needed. More details on how this service can benefit a facility's particular situation can be provided upon request.

PRECAUTIONS

Information concerning human and environmental exposure for the product may be reviewed on the Material Safety Data Sheet and the label. For additional information, call 314-535-1395.

For further information, please contact:

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