



Process NPD®

The Technology of Clean®

One-Step Germicidal Detergent

Reorder Number: **6390-08** Net Contents: **3.78 Liters (1 Gal.)**

**Germicide • Fungicide • Virucide*
Detergent • Deodorizer • Concentrate**

EPA Reg. No. 1043-90 EPA Est. No. 1043-MO-2

ACTIVE INGREDIENTS:

Octyl decyl dimethyl ammonium chloride.....	4.60%
Dioctyl dimethyl ammonium chloride.....	2.30%
Didecyl dimethyl ammonium chloride.....	2.30%
Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chloride.....	6.14%
Inert Ingredients	84.66%
Total	100.00%

FOR AGRICULTURAL, INDUSTRIAL, AND INSTITUTIONAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See side panel for additional precautions.

STERIS Corporation
7501 Page Avenue
St. Louis, MO 63133 ■ USA
800-JIT-4-USE (800-548-4873)
www.steris.com

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS: DANGER: Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Harmful if swallowed or inhaled. Do not get in eyes, on skin, or on clothing. Wear safety goggles, protective clothing, and rubber gloves. Do not breathe vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
CLEANING AND DISINFECTING: Add one-half ounce (15cc) to each measured gallon of water used. Always add this product to pre-measured water. Gently mix for a uniform solution. Apply solution with a cloth, sponge, mop, brush or course spray using normal cleaning methods. Thoroughly wet all surfaces to be cleaned. Allow treated surfaces to soak for 10 minutes. Then remove excess solution with a wrung-out applicator. Remove gross filth mechanically by sweeping before cleaning begins. Discard solution when it becomes dirty and replace with a fresh solution. A properly prepared solution with deionized water of Process NPD intended for use as a hard surface disinfectant has a shelf life of 7 days (use life) when stored in a closed container such as a spray bottle. This is a complete product. Do not add other chemicals. Use only as directed.

ANIMAL HUSBANDRY, ANIMAL RESEARCH, AND POULTRY FACILITY CLEANING AND DISINFECTING: Remove all animals and feed from the premises, vehicles and enclosures. Remove all litter and manure from the floors, walls, and surfaces of facilities transversed or occupied by animals. Empty all troughs, racks, and other feeding and watering appliance. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 1/2 oz. per gallon water (1:256 dilution). Apply solution with a cloth, sponge, mop, brush, coarse spray using normal cleaning methods or by fogging following cleaning. Allow surfaces to remain wet for 10 minutes. (For fogging, fog the desired area at 32 to 64 ounces of use dilution per 1000 cubic feet using equipment with an automatic timer. Do not remain in treated areas; allow at least two hours after fogging is complete before reentering fogged area. Before fogging remove or cover any food or packaging material with waterproof coverings.) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, vehicles, and other closed spaces. Do not house livestock or empty equipment until treatment has absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, and waterers with soap or detergent and rinse with potable water before reuse.

CLEANING AND DISINFECTING FOOD PREPARATION AND PROCESSING FACILITIES AND EQUIPMENT: Cover or remove all food and packaging materials. Remove all gross soils. Saturate all surfaces with the use-solution (one-half ounce per gallon prepared as directed above). Scrub to loosen all soils. Allow to soak for 10 minutes. Thoroughly rinse all wetted and cleaned surfaces with potable water.

VIRUCIDAL ACTIVITY AGAINST CANINE PARVOVIRUS, FELINE CALCIVIRUS AND INFECTIOUS BURSAL DISEASE: Dilute product 1:64 (2 oz. per gallon) and apply as directed above.

FOGGING AS AN ADJUNCT TO REGULAR CLEANING AND DISINFECTING: This product may be used for fogging (wet misting) as an adjunct following regular cleaning and disinfecting procedures to sanitize surfaces in research and manufacturing facilities. Thoroughly clean all surfaces. Fog the desired area at 32 to 64 ounces of use-dilution per 1000 cubic feet using equipment with an automatic timer. Do not remain in treated areas; allow at least two hours after fogging is complete before reentering fogged area. Before fogging, remove or cover any food or packaging material with waterproof coverings.

KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in healthcare 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 human immunodeficiency virus Type HIV-1 (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (HUMAN IMMUNODEFICIENCY VIRUS OR AIDS VIRUS) ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS: Personal Protection: Wear appropriate barrier protection such as latex gloves, gowns, masks or eye coverings. **Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of a 1:256 use-solution (one-half ounce per gallon). Prepare and apply solution as directed in paragraphs above. **Contact Time:** While the HIV-1 virus is inactivated in 30 seconds, use a 10-minute contact time for disinfection of all organisms on this label. **Infectious Materials Disposal:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious disposal.

FOR CONTROL OF WITCHWEED AND BROOMRAPE ON FARM AND CONSTRUCTION EQUIPMENT: SITES TO BE TREATED; Witchweed (*Striga spp.*): To prevent the spread of Witchweed on items such as water proof boots, vehicles, tires, farm and construction equipment, containers or other equipment taken into infested fields or which may have been exposed to *Striga spp.* or to soil contaminated with *Striga spp.* seeds. Primary expected use will be in the Witchweed Quarantine area, which includes 3 counties in eastern South Carolina and 8 counties in North Carolina. **Broomrape (*Orobancha spp.*):** To prevent the spread of Broomrape on items such as waterproof boots, vehicles, tires, farm and construction equipment, containers or other equipment taken into infested fields or which may have been exposed to *Orobancha spp.* or to soil contaminated with *Orobancha spp.* seeds. **Method and Rate of Application** To prevent the spread of Witchweed (*Striga spp.*) or Broomrape (*Orobancha spp.*) by this artificial means of transportation, treatments should be made by trigger spraying, dipping or brushing. Thoroughly saturate surfaces with a 1:100 use solution for a period of 1 hour. Allow to air dry. All surfaces that come in contact with food or crop must be rinsed with potable water before reuse. Footwear should be rinsed before reuse. Clothing should be either rinsed or laundered before reuse. Process NPD will not devitalize seeds contained in seed pods as they are not normally saturated during a standard preventative procedure. Attempt to remove as much plant material as possible before initiating treatment.

This product is a research-developed hard water effective, phosphate-free concentrated germicidal detergent system designed to simultaneously clean, disinfect and deodorize in the presence of 5% organic soil (serum) when diluted with 400 ppm hard water. It is intended for use on washable hard, non-porous environmental surfaces such as floors, walls, counters, tools, carts, and other equipment in pharmaceutical and cosmetic facilities, and in food processing, preparation and service facilities, in animal husbandry, poultry and feed processing facilities, veterinary clinics, animal research facilities and in other indoor areas where infectious contamination control is a necessity. Use the use-solution for the cleaning and disinfection of metal surfaces such as stainless or galvanized steel and chrome, porcelain, plastics, glass, tile, washable painted or varnished surfaces, concrete, as well as resilient vinyl, asphalt, linoleum, rubber, terrazzo or other combination-type floors.

GERMICIDE: Passes A.O.A.C. Germicidal Use-Dilution Method (S. aureus, S. choleraesuis) when diluted with 400 ppm A.O.A.C. hard water to make a 1:256 (one-half ounce per gallon) solution, in the presence of 5% organic soil (serum), 10 minutes at 20°C. It has also been shown in the A.O.A.C. Use-Dilution Test, when diluted with 400 ppm A.O.A.C. hard water to make a 1:256 (one-half ounce per gallon) in the presence of 5% organic soil (serum), 10 minutes at 20°C to inactivate:

Acinetobacter calcoaceticus, ATCC 19606
Bordetella avium, ATCC 35086
Bordetella bronchiseptica, ATCC 10580
Campylobacter jejuni, ATCC 29428
Candida albicans, Clinical Isolate

Candida parapsilosis, Clinical Isolate
Citrobacter freundii, ATCC 8090
Enterobacter aerogenes, ATCC 13048
Escherichia coli, ATCC 25922
Klebsiella pneumoniae, ATCC 13883

Listeria monocytogenes, ATCC 19111
Mycoplasma gallisepticum, ATCC 19610
Pasteurella multocida, ATCC 29977
Proteus vulgaris, ATCC 13315
Pseudomonas aeruginosa, ATCC 9027

Pseudomonas cepacia, ATCC 25609
Salmonella enteritidis, ATCC 13076
Salmonella typhimurium, ATCC 14028
Serratia marcescens, ATCC 8100

Shigella flexneri, ATCC 12022
Shigella sonnei, ATCC 25931
Staphylococcus aureus, ATCC 25923
Staphylococcus epidermidis, ATCC 12228

Staphylococcus aureus, (MRSA), Multiply (Methicillin)-Resistant Clinical Isolate
Streptococcus faecalis, ATCC 19433
Streptococcus pyogenes, ATCC 19615

Process NPD is effective in 3 minutes on hard surfaces against *Pseudomonas aeruginosa*, ATCC 13388, according to the A.O.A.C. Use Dilution Test when diluted with 400 ppm hard water to make a 1:128 (one ounce per gallon) solution, in the presence of 5% added organic soil (serum).

FUNGICIDE: Passes the A.O.A.C. Fungicidal Test (*T. mentagrophytes*) when diluted with 400 ppm A.O.A.C. hard water to make a 1:256 (one-half ounce per gallon) solution, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

***VIRUCIDE:** Process NPD is effective against Herpes Simplex Types 1 and 2, Influenza A2 (Japan-305), Mouse Hepatitis, ATCC VR-764 and Vaccinia Virus, according to the EPA approved virucidal assay method when diluted with 400 ppm hard water to make a 1:256 (one-half ounce per gallon) solution, in the presence of 5% organic soil (serum) in 10 minutes at 20-25°C on hard, non-porous environmental surfaces.

***VIRUCIDE:** Process NPD is effective against the following viruses according to the EPA approved virucidal assay method when diluted with 300 ppm hard water to make a 1:256 (one-half ounce per gallon) solution, in the presence of 5% organic soil (serum) in 10 minutes at 20-25°C on hard, non-porous environmental surfaces:

Canine distemper, ATCC 128
Canine parainfluenza, ATCC VR-399
Chlamydia psittici (Feline Pneumonitis)

Feline rhinotracheitis, ATCC VR-636
Infectious bronchitis, ATCC VR-22
Infectious laryngotracheitis, ATCC VR-783

Marek's Disease, ATCC VR-2002
Newcastle Disease, ATCC VR-109

Effective against Canine parvovirus, ATCC VR-953, Infectious Bursal Disease (Lukert Strain) and Feline calcivirus, ATCC VR-120 according to the EPA approved virucidal assay method when diluted 1:64 (2 ounces per gallon) in 400 ppm hard water (300 ppm for Feline calcivirus) in 5% organic soil (serum) in 10 minutes at 20-25°C on hard, non-porous environmental surfaces.

When tested by an EPA-approved Dilution Method, the HIV-1(AIDS) virus, with added 5% organic soil (serum), was completely inactivated by a 1:256 (one-half ounce per gallon) solution in 400 ppm A.O.A.C. hard water in 30 seconds at 20°C. Although efficacy at 30 seconds contact time has been shown to be adequate against HIV-1, this time would not be sufficient for other organisms. Use a 10-minute contact time for disinfection against all of the organisms claimed.

ODOR CONTROL: Eliminates most odors by killing odor-causing bacteria and simultaneously chemically neutralizing their odors. Cleans unpleasant smelling soils.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **Pesticide Storage:** Store in a secure area away from flammable materials. If frozen, thaw and re-mix before use. **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 directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities, by burning. If burned, stay out of smoke.

6390-06G(505)

60984



Product Made in U.S.A.



(01)00724995 014131