

DIRECTIONS FOR USE

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

NP 1.8 (D&F) Detergent/Disinfectant is a phosphate-free formulation designed to provide effective cleaning, deodorizing, non-food contact sanitizing, and disinfection specifically for schools, non-medical institutions, food processing plants, and other industries where housekeeping is of prime importance in controlling the hazard of cross contamination.

NP 1.8 (D&F) Detergent/Disinfectant, when used as directed, is formulated to disinfect inanimate, hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones, and bedframes.

NP 1.8 (D&F) Detergent/Disinfectant deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odors caused by microorganisms.

DISINFECTION - To disinfect inanimate, hard surfaces, add 2 ounces NP 1.8 (D&F) Detergent/Disinfectant per gallon of water. Apply solution with a mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

To disinfect toilet bowl, flush toilet, add 2 ounces NP 1.8 (D&F) Detergent/Disinfectant directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

SANITIZATION OF NON-FOOD CONTACT SURFACES - To sanitize non-porous environmental surfaces such as floors, walls, tables, add 5 ounces of NP 1.8 (D&F) Detergent/Disinfectant per 4.5 gallons of water. Apply solution with a mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 30 seconds, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. This product is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae*.

BACTERICIDAL ACTIVITY - When diluted at the rate of 2 ounces per gallon of water, NP 1.8 (D&F) Detergent/Disinfectant exhibits effective disinfectant activity against the organisms: *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella choleraesuis*, *Staphylococcus aureus*, *Streptococcus pyogenes*, *Shigella dysenteriae*, *Brucella abortus*, *Brucella melitensis*, *Salmonella typhi*, and *Serratia marcescens*.

*** VIRUCIDAL ACTIVITY** - NP 1.8 (D&F) Detergent/Disinfectant when used on environmental, inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal activity against Influenza A/Brazil (lower respiratory tract disease), Herpes Simplex Type 1 (causative agent of fever blisters), and Vaccinia virus (representative of the pox virus group).

Stepan S

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NP 1.8 D&F Detergent/Disinfectant

CLEANER
DETERGENT
DEODORIZER
SANITIZER (non-food
contact surfaces)
MILDEWSTAT (on hard,
inanimate surfaces)

DISINFECTANT
FUNGICIDE (Against
pathogenic fungi)
VIRUCIDE *

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride 0.54%
Dioctyl dimethyl ammonium chloride 0.27%
Didecyl dimethyl ammonium chloride 0.27%
Alkyl (50% C₁₄, 40% C₁₂, 10% C₁₀) dimethyl
benzyl ammonium chlorides 0.72%

INERT INGREDIENTS 98.20%

TOTAL 100.00%

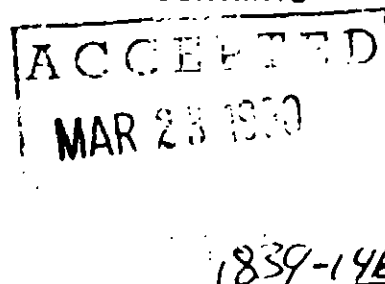
EPA REG. No. 1839-146
EPA EST. No. 1839-IL-01

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautionary statements

NET CONTENTS



MILDEWSTAT - To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 2 ounces of NP 1.8 (D&F) Detergent/Disinfectant per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

FUNGICIDAL ACTIVITY - At the 2 ounces per gallon dilution NP 1.8 (D&F) Detergent/Disinfectant is fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes* (athlete's foot fungus) when used on hard surfaces in such areas as locker rooms, dressing rooms, shower and bath areas, and in exercise facilities.

EFFICACY TESTS HAVE DEMONSTRATED THAT NP 1.8 (D&F) DETERGENT/DISINFECTANT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Remove and wash contaminated clothing.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink egg whites or gelatin solution, or if these are not available, drink large quantities of water. Call physician immediately.

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.

STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water. Return metal drum then offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned stay out of smoke.

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.