

DIRECTIONS FOR USE General Classification

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

Onyx NP 4.5 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance.

DISINFECTION- To disinfect hard inanimate surfaces (such as walls, floors, table tops), add 2 ounces NP 4.5 detergent/disinfectant per gallon of water. Apply solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet, add 2 ounces NP 4.5 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.

For heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

MILDEWSTAT- To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops) add 2 ounces NP 4.5 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 reappears.

SANITIZATION- To sanitize previously cleaned and rinse non-porous food contact surfaces, prepare 200ppm active quaternary NP 4.5 solution by adding 2 ounces NP 4.5 to 3 1/2 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200ppm NP 4.5 solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. RINSE THOROUGHLY WITH POTABLE WATER. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200ppm NP 4.5 solution for at least 60 seconds making sure to immerse completely. REMOVE AND RINSE THOROUGHLY WITH POTABLE WATER. Prepare a fresh solution daily or more frequently as soil is apparent.

PRECAUTIONARY STATEMENTS Hazard to Human and Domestic Animals DANGER

Keep Out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. 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 all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

ONYX



NP 4.5 (D&F)

detergent/disinfectant

Cleaner	Disinfectant
Detergent	Fungicide (against
Deodorizer	Pathogenic fungi)
Sanitizer	Virucide*
Mildewstat (on hard inanimate	surfaces)

ACTIVE INGREDIENTS:
n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chlorides.....2.25%
n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl ammonium chlorides.....2.25%
INERT INGREDIENTS:.....95.50%

TOTAL 100.00%

EPA REG. NO. 1839-95
EPA EST. NO. 1839-NJ-01

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary and first aid statements.

onyx chemical company
MILLMASTER ONYX GROUP

190 WARREN STREET
JACKSON, N.J. 07302

ML CONTENTS

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Onyx NP 4.5 is a phosphate free concept which provides effective cleaning, deodorization, sanitization. Onyx NP 4.5 detergent/disinfectant is specifically formulated for hospitals, nursing homes, plants and other institutions where housekeeping is of prime importance in controlling the hazard of infection.

NP 4.5 when diluted at the rate of 2 ounces per gallon is an effective disinfectant against the most common bacteria and meets all requirements for hospital disinfection. Onyx NP 4.5 is formulated to disinfect walls, floors, sink tops, toilet bowls and bed frames. For larger areas such as care facilities and restrooms, the product is also effective for both general cleaning and disinfection.

In addition, Onyx NP 4.5 deodorizes the most difficult to keep fresh smelling, such as garbage bins and cans, toilet bowls and areas prone to odors caused by microorganisms.

DISINFECTION- At 2 ounces per gallon of water, effective disinfectant activity against:

Pseudomonas aeruginosa PRD-10
Escherichia coli
Klebsiella pneumoniae
Salmonella schultzei
Salmonella choleraesuis
Streptococcus salivarius

At this level the product is also fungicidal against fungi, Trichophyton mentagrophytes.

Virucidal* Activity: The product when diluted at 2 ounces per gallon of water has virucidal activity against Influenza virus (the common flu virus), Herpes simplex virus (blisters and mononucleosis), Adenovirus (upper respiratory infections), and Vaccinia virus (the pox virus group).

Efficacy tests have demonstrated that the product is a bactericide, fungicide, and virucide* in 5% blood serum.

Mold and Mildewstat- Onyx NP 4.5 prevents mold and the odors they cause on hard non-porous surfaces.

SANITIZATION- When used for sanitization of equipment or food contact items limit to 200ppm active quaternary. At this level POTABLE WATER RINSE is required. Effective sanitizer when diluted in water (CaCO₃).

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE
- STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY

Pesticide Disposal- Pesticides that cannot be recycled should be disposed of in a safe place or buried in a safe place.

Container Disposal- Triple rinse (or equivalent) and then recycle or incinerator or landfill approved for disposal in a safe place.

USE
Location
to use this product in a manner

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NP 4.5 detergent/disinfectant
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RINSE THOROUGHLY WITH
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RY STATEMENTS
and Domestic Animals

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F PRACTICAL TREATMENT
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before reuse. If swallowed,
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Detergent	Fungicide (against
Deodorizer	Pathogenic fungi)
Sanitizer	Virucide*
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ACTIVE INGREDIENTS:
n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂,
5% C₁₈) dimethyl benzyl
ammonium chlorides.....2.25%
n-Alkyl (68% C₁₂, 32% C₁₄)
dimethyl ethylbenzyl
ammonium chlorides.....2.25%
INERT INGREDIENTS:.....95.50%
TOTAL 100.00%

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KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary
and first aid statements.

onyx chemical company
MILLMASTER ONYX GROUP

190 WARREN STREET
JERSEY CITY, N.J. 07310

ML CONTENTS

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Onyx NP 4.5 is a phosphate free concentrated detergent/disinfectant which provides effective cleaning, deodorizing, disinfection, and sanitization. Onyx NP 4.5 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination.

NP 4.5 when diluted at the rate of 2 ounces per gallon of water is an effective disinfectant against the organism *Pseudomonas aeruginosa* and meets all requirements for hospital use. When used as directed, Onyx NP 4.5 is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, Onyx NP 4.5 deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

DISINFECTION- At 2 ounces per gallon dilution, Onyx NP 4.5 exhibits effective disinfectant activity against the following:

<i>Pseudomonas aeruginosa</i> PRD-10	<i>Brevibacterium ammoniagenes</i>
<i>Escherichia coli</i>	<i>Streptococcus faecalis</i>
<i>Klebsiella pneumoniae</i>	<i>Shigella dysenteriae</i>
<i>Salmonella schultzei</i>	<i>Enterobacter aerogenes</i>
<i>Salmonella choleraesuis</i>	<i>Staphylococcus aureus</i>
<i>Streptococcus salivarius</i>	

At this level the product is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes*.

Virucidal* Activity: The product when used on environmental inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal* activity against Influenza A₂ - Asian (representative of the common flu virus), Herpes simplex (causative agent of fever blisters and mononucleosis), Adeno virus type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

Efficacy tests have demonstrated that NP 4.5 is an effective bactericide, fungicide, and virucide* in the presence of organic soil (5% blood serum).

Mold and Mildewstat-Onyx NP 4.5 prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

SANITIZATION-When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries to 200ppm. At this level **POTABLE WATER RINSE** is required. NP 4.5 is an effective sanitizer when diluted in water up to 250ppm hardness (CaCO₃).

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

Pesticide Disposal- Pesticides that cannot be used or chemically re-processed should be disposed of in a landfill approved for pesticide or buried in a safe place.

Container Disposal- Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

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