

DIRECTIONS FOR USE General Disinfection

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 rinsed non-porous food contact surfaces, prepare 200ppm active quaternary NP 4.5 solution by adding 2 ounces NP 4.5 to 31 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. Let air dry. 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 let air dry. 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, do not induce vomiting. Give plenty of water. If these are not available, drink for 24 hours of water. Call a physician.

ADVICE TO PHYSICIAN

Onyx NP 4.5 is a strong irritant. In case of contact with the eyes or skin, flush with water. In case of ingestion, give plenty of water. In case of respiratory depression, call a physician.

BEST DOCUMENT AVAILABLE

ONYX



NP 4.5

detergent/disinfectant

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

ACTIVE INGREDIENTS:
n-Alkyl (60% C₁₄, 30% C₁₆,
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. 1839-79
EPA EST. NO. 1839-NJ-01

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary
and first aid statements.

07 MAR 1980

onyx chemical company
MILLMASTER ONYX GROUP

100 WARREN STREET
JERSEY CITY, N.J. 07302

NET CONTENTS

Onyx NP 4.5 is a product which provides effective sanitization. Onyx NP 4.5 is specifically formulated for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling disease.

NP 4.5 when diluted is an effective disinfectant and meets all requirements for use as walls, floors, and bed frames. For use in health care facilities and both general cleaning.

In addition, Onyx NP 4.5 is hard to keep fresh garbage bins and can remove to odors caused by bacteria.

DISINFECTION- At 2% effective disinfectant.

Pseudomonas aeruginosa
Escherichia coli
Klebsiella pneumoniae
Salmonella schultzei
Salmonella choleraesuis
Streptococcus faecalis

At this level the disinfectant kills fungi, Trichophyton, and Virucidal* Active.

hard surfaces at 2% virucidal* active. kills the common flu virus, blisters and mononucleosis, upper respiratory and the pox virus group.

Efficiency tests bactericide, fungicide (5% blood serum).

Mold and Mildewstat and the odors.

SANITIZATION- When equipment or food is at this level NO effective sanitization (CaCO₃).

Pesticide Disposal: processed should be buried in a safe place. Container Disposal: incinerator or in a safe place.

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detergent/disinfectant

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

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MILLMASTER ONYX GROUP

190 WARREN STREET
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NET CONTENTS

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onyx NP 4.5 is a phosphate free concentrated detergent/disinfectant which provides effective cleaning, deodorizing, disinfection, and sanitization. This 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 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:

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|--------------------------------------|------------------------------------|
| <i>Pseudomonas aeruginosa</i> PRB-10 | <i>Brevibacterium ammoniagenes</i> |
| <i>Escherichia coli</i> | <i>Streptococcus faecalis</i> |
| <i>Klebsiella pneumoniae</i> | <i>Shigella dysenteriae</i> |
| <i>Salmonella schottmulleri</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 contact items limit active quaternaries to 200ppm. At this level NO POTABLE WATER RINSE is required. NP 4.5 is an effective sanitizer when diluted in water up to 250ppm hardness (2.5gr/gal).

STORAGE AND DISPOSAL
DO NOT CONTAMINATE WATER, FOOD OR FEED BY
STORAGE OR DISPOSAL
OPEN BURNING IS PROHIBITED
DO NOT REUSE ONLY CONTAINER

Pesticide label and instructions must be read and followed or chemically treated. Do not use for anything other than full approved for pesticide or herbicide use only. Do not use for anything other than full approved for pesticide or herbicide use only. Do not use for anything other than full approved for pesticide or herbicide use only.

BEST DOCUMENT AVAILABLE