

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

Disinfection - To disinfect hard inanimate surfaces (such as walls, floors, table tops), add 1/2 ounce NP 12.5 detergent/disinfectant per gallon of water. Apply solution with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet, add 1/2 ounce NP 12.5 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 1/2 ounce NP 12.5 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 12.5 solution by adding 1 ounce to 5 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops) flood the area with 200ppm NP 12.5 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 12.5 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

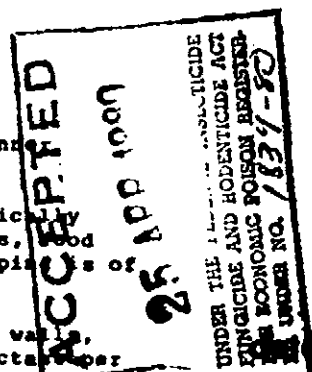
Keep Out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

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, 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 12.5

Detergent/disinfectant

Cleaner
Detergent
Deodorizer
Sanitizer
Mildewstat (on hard inanimate surfaces)

Disinfectant
Fungicide (against pathogenic fungi)
Virucide*

ACTIVE INGREDIENTS:

n-Alkyl (60XC₁₄, 30XC₁₆, 5XC₁₂, 5XC₁₈) dimethyl benzyl ammonium chlorides.....6.25%
n-Alkyl (68XC₁₂, 32XC₁₄) dimethyl ethylbenzyl ammonium chlorides.....6.25%
INERT INGREDIENTS:.....87.50%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary and first aid statements.

EPA REG. NO. 1839-80
EPA EST. NO. 1839-NJ-01

onyx chemical company
MILLMASTER ONYX GROUP

100 WARREN STREET
ARSEN CITY, N.J. 07002

NET CONTENTS

ONYX NP 12.5 is which provides sanitation. Onyx specifically for hospitals and other institutions in controlling the

NP 12.5 when diluted an effective disinfectant and meets all requirements. Onyx NP 12.5 is for walls, floors, and bed frames. For facilities and general cleaning

In addition, Onyx are hard to keep empty garbage bins are prone to odors

Disinfection - An effective disinfectant

Pseudomonas aeruginosa
Escherichia coli
Klebsiella pneumoniae
Salmonella choleraesuis
Streptococcus

At this level fungi, Trichophyton

Virucidal* Activity
hard surfaces at virucidal* activity the common flu virus blisters and mono upper respiratory the pox virus group

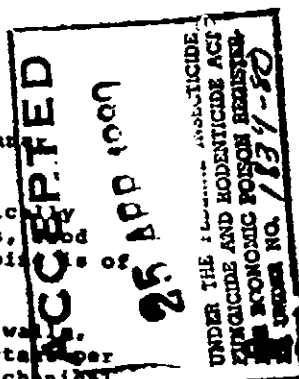
Efficacy tests have shown virucidal, fungicidal (5% blood serum).

Mold and Mildewstat
dew and the odors

Sanitization - When equipment or food is at this level NO

NP 12.5 is an effective hardness (CaCO₃).

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



NP 12.5

Detergent/disinfectant

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Detergent
Deodorizer
Sanitizer
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Disinfectant
Fungicide (against pathogenic fungi)
Virucide*

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onyx chemical company
MILLMASTER ONYX GROUP

100 WARREN STREET
NEWARK, N.J. 07102

SEE INSTRUCTIONS

ONYX NP 12.5 is a phosphate free concentrated detergent/disinfectant which provides effective cleaning, deodorizing, disinfection, and sanitization. Onyx NP 12.5 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 12.5 when diluted at the rate of 1/2 ounce 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 12.5 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 12.5 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 1/2 ounce per gallon dilution, Onyx NP 12.5 exhibits effective disinfectant activity against the following:

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

Brevibacterium ammoniagenes
Streptococcus faecalis
Shigella dysenteriae
Staphylococcus aureus
Enterobacter aerogenes

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 1/2 ounce 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 5 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

Efficacy tests have demonstrated that NP 12.5 is an effective bactericide, fungicide, and virucide* in the presence of organic soil (5% blood serum).

Mold and Mildewstat - Onyx NP 12.5 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 NO POTABLE WATER RINSE is required.

NP 12.5 is an effective sanitizer when diluted in water up to 600ppm 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 reprocessed should be disposed of in a landfill approved for pesticides 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.