

**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 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. **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 12.5 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 STATEMENT:**

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 (D&F)**  
**detergent/disinfectant**

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

**ACTIVE INGREDIENTS:**

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>) dimethyl benzyl ammonium chlorides.....6.25%  
n-Alkyl (60% C<sub>12</sub>, 30% C<sub>14</sub>, 5% C<sub>16</sub>, 5% C<sub>18</sub>) 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--  
EPA EST. NO. 1839-NJ-01

**onyx chemical company**  
**MILLMASTER ONYX GROUP**

190 WARREN STREET  
NEWARK, N.J. 07102

**CONTENTS**

ONYX NP 12.5 is a phosphate free concen which provides effective cleaning, deod sanitization. Onyx NP 12.5 detergent/di specifically for hospitals, nursing hom plants and other institutions where hou in controlling the hazard of cross cont

NP 12.5 when diluted at the rate of 1/2 an effective disinfectant against the and meets all requirements for hospital Onyx NP 12.5 is formulated to disinfect as walls, floors, sink tops, toilet bo and bed frames. For larger areas such facilities and restrooms, the product general cleaning and disinfecting.

In addition, Onyx NP 12.5 deodorizes t are hard to keep fresh smelling, such empty garbage bins and cans, toilet bo are prone to odors caused by microorga

**Disinfection** - At 1/2 ounce per gallon effective disinfectant activity agains

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

At this level the product is also fungicidal. *Trichophyton mentagrophytes*.

**Virucidal\* Activity:** The product when hard surfaces at 1/2 ounce per gallon virucidal\* activity against Influenza the common flu virus), Herpes simplex blisters and mononucleosis), Adeno vi upper respiratory infections), and Va the pox virus group).

Efficacy tests have demonstrated that tericide, fungicide, and virucide\* in 1% blood serum).

**Mold and Mildewstat** - Onyx NP 12.5 p dew and the odors they cause on hard

**Sanitization** - When used for sanitiz equipment or food contact items limi At this level **POTABLE WATER RINSE**

NP 12.5 is an effective sanitizer wh hardness (CaCO<sub>3</sub>).

**STORAGE AND**

- DO NOT CO
- BY STORAG
- OPEN DUMP
- DO NOT RE

**Pesticide Disposal** - Pesticides that reprocessed should be disposed of in or buried in a safe place.

**Container Disposal** - Triple rinse in incinerator or landfill approved for a safe place.

product in a manner

designed specifically  
processing plants, food  
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appears.

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quaternary NP 12.5

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THOROUGHLY WITH POTABLE  
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clothing. Harmful if  
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ONYX



NP 12.5 (D&F)

detergent/disinfectant

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

ACTIVE INGREDIENTS:  
n-Alkyl (60% C<sub>16</sub>, 30% C<sub>12</sub>, 10% C<sub>14</sub>) dimethyl benzyl  
ammonium chlorides.....6.25%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
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. 1839-4  
EPA EST. NO. 1839-NJ-01

onyx chemical company  
MILLMASTER ONYX GROUP

190 WARREN STREET  
NEWARK CITY, N.J. 07102

CONTENTS

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:

<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>Staphylococcus aureus</i>
<i>Salmonella choleraesuis</i>	<i>Enterobacter aerogenes</i>
<i>Streptococcus gallivarius</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 1/2 ounce per gallon of water exhibits effective virucidal\* activity against Influenza A<sub>2</sub> - 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 POTABLE WATER RINSE is required.

NP 12.5 is an effective sanitizer when diluted in water up to 600ppm hardness (CaCO<sub>3</sub>).

#### 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.

BEST DOCUMENT AVAILABLE