



Reference File (EPA #1839-96)

FORMULATION

BTC* 2125M (50%)	18.0%
Sodium Carbonate	4.0%
Perma Kleer 100	5.0%
Neutronxy 656	9.0%
*Dye	0.005%
*Fragrance	0.19%
Water	63.805%
	TOTAL 100%

*Fragrance and Dye should be tested for proper stability in the finished formulation

SUMMARY

Onyx NP 9 0 cleaner/disinfectant type product prepared to contain 9% active BTC • 2125M and formulated as previously described demonstrates

- Bactericidal activity at 1 ounce per gallon against *Staphylococcus aureus* ATCC #6538. *Salmonella choleraesuis* ATCC #10708. *Pseudomonas aeruginosa* ATCC #15442
- Fungicidal activity at 1 ounce per gallon against *Trichophyton interdigitale*. Strain #640
- Effective as a disinfectant in the presence of organic matter

WARRANTY

Our recommendations for use with a product-based purchasing system are as follows. The manufacturer should have control of the manufacturing information expressed in the product. The manufacturer should not be required to be used in accordance with direct or indirect shared practices. The term "assumed responsibility" should not be used in a manner resulting from its use as a summary or indicator of a manufacturer's intentions concerning the use of a product. The manufacturer should be considered responsible for the product in all cases. The manufacturer should not be required to be used in a manner resulting from its use as a summary or indicator of a manufacturer's intentions concerning the use of a product. The manufacturer should be considered responsible for the product in all cases. The manufacturer should not be required to be used in a manner resulting from its use as a summary or indicator of a manufacturer's intentions concerning the use of a product. The manufacturer should be considered responsible for the product in all cases.

MILLMASTER ONYX GROUP

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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 90 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 1 ounce NP 90 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 dry.

To disinfect toilet bowls, flush toilet, add 1 ounce NP 90 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 ounce NP 90 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 nonporous food contact surfaces, prepare 200 ppm active quaternary NP 90 solution by adding 1 ounce NP 90 to 3 1/2 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm NP 90 solution. Apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. Remove and rinse thoroughly with POTABLE WATER. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm NP 90 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.

ONYX



NP 9.0 (D & F) detergent/disinfectant

**CLEANER
DETERGENT
DEODORIZER
SANITIZER
MILDEWSTAT** (on hard inanimate surfaces)

**DISINFECTANT
FUNGICIDE (against
pathogenic fungi)
VIRUCIDE***

ACTIVE INGREDIENTS:

n-Alkyl (C10-C14) 3-(1,3,5-trimethylbenzyl)	4.50
ammonium chloride	4.00
n-Alkyl (C10-C14) 3-(1,3,5-trimethylbenzyl)	9.00
ammonium chloride	1.00
INERT INGREDIENTS	

EPA Reg. No. 1839-10-01
EPA EST. NO. 1839-10-01

ONLY FOR SALE TO, USE, AND
STORAGE BY SERVICE PERSONS

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. 07302

NET CONTENTS

Onyx NP 90 is a phosphate free concentrated detergent-disinfectant which provides effective cleaning, deodorizing, disinfection and sanitization. Onyx NP 90 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 90 when diluted at the rate of 1 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 90 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 90 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 ounce per gallon dilution, Onyx NP 90 exhibits effective disinfectant activity against the following:

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

At this level the product is also fungicidal against the pathogenic fungi *Aspergillus fumigatus* and *Monoglyphites*.

VIRUCIDAL* ACTIVITY: The product when used on environmental inanimate hard surfaces at 1 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 2 (causative agent of upper respiratory infections) and Vaccinia virus (representative of the pox virus group).

EFFICACY TESTS HAVE DEMONSTRATED THAT NP 90 IS AN EFFECTIVE BACTERICIDE, FUNGICIDE AND VIRUCIDE* IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

MOLD and MILDEWSTAT-Onyx NP 90 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 quaternary to 200 ppm. At this level POTABLE WATER RINSE is required. NP 90 is an effective sanitizer when diluted in water up to 250 ppm 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
CONTAINER DISPOSAL

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. If in eyes, flushed with water for at least 15 minutes. If swallowed, wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and discard 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 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 Physician.

NOTE TO PHYSICIAN

Probable mucosa damage may be indicated by the onset of lavage. Measures against respiratory shock, respiratory depression and convulsions may be needed.