

ONYX
CHEMICAL
COMPANY



ONYX NP 9.0 (H.W.)

Hard Water Detergent Disinfectant

Reference File (EPA #1839-125)

Onyx NP 9.0 (H.W.) is a phosphate free cleaner disinfectant **which is formulated with a dye and fragrance** and provides effective detergent, sanitization and disinfection properties and eliminates ecological phosphate contamination. Onyx NP 9.0 (H.W.) is a hospital cleaner disinfectant designed specifically for use where controlling the hazard of cross-contamination from environmental surfaces is of prime importance. For use in Hospitals, Nursing Homes, Food Processing Plants, Institutions, on walls, floors, bed pans, garbage pails, telephones, rest rooms, and operating rooms. At 1 ounce per gallon of water, a claim against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesuis* can be made. **ONYX NP 9.0 (H.W.) IS AN EFFECTIVE "ONE-STEP" CLEANER-BACTERICIDE-FUNGICIDE-VIRUCIDE WHICH IS EFFECTIVE IN WATER UP TO 400 ppm HARDNESS PLUS 5% ORGANIC SOIL (5% BLOOD SERUM).** Onyx NP 9.0 (H.W.) is effective against pathogenic fungi at 1 ounce per gallon. Onyx NP 9.0 (H.W.) can also be used on food contact items at 200 ppm active BTC* 2125M With A Potable Water Rinse.

FORMULATION

BTC* 2125M (50%)	18.0%
Sodium Carbonate	4.0%
Perma Kleer 100 (38%)	9.00%
Tergitol 15-S-12 (Union Carbide Co.)	4.50%
*Dye	0.005%
*Fragrance	0.19%
Water	64.305%
	TOTAL 100%

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

SUMMARY

Onyx NP 9.0 (H.W.) cleaner disinfectant type product prepared by Onyx NP 9.0 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 mentagrophytes*, Strain #640
- Virucidal activity at 1 ounce per gallon against Influenza A2-Asian and Herpes Simplex Type 2 (causative agent of genitalia infections)
- Effective as a disinfectant in the presence of 400 ppm hard water and 5% organic matter

WARRANTY

Onyx Chemical Company warrants that the product described herein is a new, unused, and unopened container of the product described herein. The product is warranted to be free from contamination and to be of the quality and quantity described herein. The product is warranted to be effective against the organisms listed herein. The product is warranted to be safe for use on the surfaces listed herein. The product is warranted to be safe for use on the surfaces listed herein. The product is warranted to be safe for use on the surfaces listed herein.

ONYX CHEMICAL COMPANY
A DIVISION OF MILLMASTER ONYX GROUP, INC.

130 WARREN STREET, JERSEY CITY, NEW JERSEY 07302
TELEPHONE 434-1700



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 9.0 (H.W.) 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 9.0 (H.W.) detergent-disinfectant per gallon of water. Apply solution with mop, cloth, 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 1 ounce NP 9.0 (H.W.) detergent-disinfectant directly to the bowl water. Scrub 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 is 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 9.0 (H.W.) 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 200 ppm active quaternary NP 9.0 (H.W.) solution by adding 1 ounce NP 9.0 (H.W.) to 3 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm NP 9.0 (H.W.) 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 9.0 (H.W.) solution for at least 30 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, on 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 a slurry of activated charcoal if 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 9.0 (H.W.) detergent/disinfectant

CLEANER
DETERGENT
DEODORIZER
SANITIZER

POTABLE (on hard
surfaces)

DISINFECTANT
FUNGICIDE (Against
pathogenic fungi)
VIRUCIDE*

EFFECTIVE IN HARD WATER UP TO 400 ppm HARDNESS (AS CALCULATED AS CaCO_3) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

ACTIVE INGREDIENTS:

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