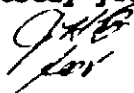


-3-

A stamped copy of the label is enclosed for your records.

Sincerely yours,



John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

DCR-32555:RD-23:11/28/83:KIM:12/9/83



# NABC

## Non-Acid Disinfectant Bathroom Cleaner

Ready-To-Use

DISINFECTS • CLEANS • DEODORIZES

Staphylocidal • Pseudomonocidal • Salmonellacidal • VIRUCIDAL

### ACTIVE INGREDIENTS:

n-Alkyl (C <sub>12</sub> -50%, C <sub>14</sub> -40%, C <sub>16</sub> -10%)	0.15%
dimethyl benzyl ammonium chloride	0.10%
Octyl decyl dimethyl ammonium chloride	0.06%
Dioctyl dimethyl ammonium chloride	0.06%
Didecyl dimethyl ammonium chloride	0.06%
INERT INGREDIENTS	99.60%

Kills Herpes simplex type II and Influenza A<sub>1</sub> viruses

EPA Reg. No. 5741-18

EPA Est. No. 5741-011

Keep Out of Reach of Children

### CAUTION:

See rear panel for additional precautions

Only for Sale to, Use, and Storage by Servicepersons.

NET CONTENTS One Quart (946 Liters)

## NABC Non-Acid Disinfectant Bathroom Cleaner

NABC is a ready-to-use, non-acid formulation designed to disinfect, clean and deodorize toilet bowls, urinals, and similar hard, non-porous bathroom surfaces.

Formulated for use in daily maintenance programs, NABC is a proven one-step cleaner-disinfectant in the presence of moderate amounts of organic soil.

NABC is recommended for use in hotels and motels, hospitals, office buildings, schools, public buildings, restaurants, and any commercial, institutional or industrial building with lavatory facilities.

### PRECAUTIONARY STATEMENTS

#### HAZARD TO HUMANS & DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. May cause skin and eye irritation. Avoid contamination of food. Do not get in eyes. Avoid contact with skin and clothing. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment: If swallowed, drink large quantities of water. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

### DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### One-Step Disinfecting and Cleaning Toilet Bowls and Urinals

1. With swab mop applicator, remove water from bowl by forcing over trap.
2. Press swab mop against side of bowl to remove excessive water from applicator.
3. Apply 1-2 oz. of NABC evenly onto surface to be cleaned and disinfected.
4. Swab entire surface area, especially under the rim where outlets are located.
5. Allow NABC to remain wet on surface at least 10 minutes.
6. Flush toilet and rinse applicator thoroughly.

Preliminary cleaning is required for heavily soiled surfaces.

#### One-Step Disinfecting Ceramic Tile, Porcelain, Shower Walls, Floors and Other Hard Non-Porous Surfaces:

1. To disinfect hard, non-porous surfaces, use full strength.
2. Apply NABC with a cloth, sponge, sprayer or mop. Treated surfaces must remain wet for 10 minutes.
3. Rinse thoroughly.

Preliminary cleaning is required for heavily soiled surfaces.

#### General Deodorizing and Cleaning:

Dilute NABC 1:10 (12 oz. gal. of water) for general deodorizing and cleaning of hard, non-porous bathroom surfaces.



### STORAGE AND DISPOSAL:

- Do not contaminate water, food, or feed by storage or disposal.
- Open dumping is prohibited.
- Do not reuse empty container.

Rinse empty container thoroughly with water and discard in regular trash collection.

SPARTAN CHEMICAL COMPANY, INC.,  
110 North Westwood Ave., Toledo, Ohio 43607

BEST DOCUMENT AVAILABLE



# NABC

## Non-Acid Disinfectant Bathroom Cleaner

NABC is a ready-to-use, non-acid formulation designed to disinfect, clean and deodorize toilet bowls, urinals, and other hard, non-porous bathroom surfaces.

### Surface Safe:

Formulated without acid, NABC is non-caustic and non-abrasive. Safe to use on nearly any hard surface -NABC will not etch porcelain, or pit fixtures-will not harm plumbing or septic tanks. Even accidental spills will not result in ruined clothing or carpeting.

### Use With Confidence:

A twin-chain quaternary formulation, NABC Non-Acid Disinfectant Bathroom Cleaner is a proven one-step cleaner-disinfectant in the presence of moderate amounts of organic soil.

E.P.A. Reg. No. 5741-18

E.P.A. Est. No. 5741-OH-1

### Pleasant to Use:

NABC's odor-killing component and light floral fragrance deodorizes bowls, urinals, and surrounding areas. NABC leaves washrooms, lavatories and restrooms pleasantly scented smelling clean and fresh.

### Packaged For Convenience and Economy:

Ready-to-use. No mixing required. Each quart of NABC is equipped with a flip top directional dispensing cap to assist cleaning of hard-to-reach areas. Trigger sprayer fits quart for quick and easy application. Drum sizes available for maximum economy.

- Staphylocidal
- Pseudomonocidal
- Salmonellacidal
- VIRUCIDAL

ACCEPTED  
WITH COMMENTS  
BUREAU OF BIOLOGICAL SERVICES

DEC 11 1965

FEDERAL BUREAU OF BIOLOGICAL SERVICES  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C. 20250  
E.P.A. Reg. No.  
5741-18

BEST DOCUMENT AVAILABLE

NABC Non-Acid Disinfectant Bathroom Cleaner is a versatile germicidal cleaner with excellent disinfectant, cleaning and deodorizing properties.

NABC was tested against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Pseudomonas aeruginosa* in accordance with the Use-Dilution procedures as outlined in the manual of the AOAC, modified per E.P.A.'s DIS/TSS-2 for organic soil load. Results of this testing show NABC to be an excellent bactericide even in the presence of 5% blood serum.

Staphylococcus aureus ATCC #6538		
NABC	No. Tubes Tested	No. Tubes Showing Growth
Sample A	60	0
Sample B	60	0
Sample C	60	0

Salmonella choleraesuis ATCC #10708		
NABC	No. Tubes Tested	No. Tubes Showing Growth
Sample A	60	0
Sample B	60	0
Sample C	60	0

Pseudomonas aeruginosa ATCC #15442		
NABC	No. Tubes Tested	No. Tubes Showing Growth
Sample A	60	0
Sample B	60	0
Sample C	60	0

NABC is virucidal. When tested against Herpes simplex type II and Influenza A<sub>1</sub> (Hong Kong), NABC completely inactivated both of these disease causing viruses.



Spartan Chemical Co., Inc.  
110 North Westwood Avenue  
Toledo, Ohio 43607

Distributed by

NABC is recommended for use in hotels and motels, hospitals, office buildings, schools, public buildings, restaurants... any commercial, institutional or industrial building with lavatory facilities.

**Directions for Use:**  
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### One-Step Disinfecting and Cleaning Toilet Bowls and Urinals:

1. With swab mop applicator, remove water from bowl by forcing over trap.
2. Press swab mop against side of bowl to remove excessive water from applicator.
3. Apply 1-2 oz. of NABC evenly onto surface to be cleaned and disinfected.
4. Swab entire surface area especially under the rim where outlets are located.
5. Allow NABC to remain wet on surface at least 10 minutes.
6. Flush toilet and rinse applicator thoroughly.

Preliminary cleaning is required for heavily-soiled surfaces.

#### One-Step Disinfecting Ceramic Tile, Porcelain, Shower Walls, Floors and Other Hard Non-Porous Surfaces:

1. To disinfect hard, non-porous surfaces, use full strength.
2. Apply NABC with a cloth, sponge, sprayer or mop. Treated surfaces must remain wet for 10 minutes.
3. Rinse thoroughly.

Preliminary cleaning is required for heavily-soiled surfaces.

**General Deodorizing and Cleaning:**  
Dilute NABC 1:10 (12 oz./gal. of water) for general deodorizing and cleaning of hard, non-porous bathroom surfaces.

#### Specification Data:

##### ACTIVE INGREDIENTS:

n-Alkyl  
(C<sub>14</sub> - 50%, C<sub>12</sub> - 40%, C<sub>16</sub> - 10%)  
dimethyl benzyl ammonium chloride ..... 0.16%  
Octyl decyl dimethyl ammonium chloride ..... 0.12%  
Dioctyl dimethyl ammonium chloride ..... 0.06%  
Didecyl dimethyl ammonium chloride ..... 0.06%  
INERT INGREDIENTS ..... 99.60%

(includes compatible cleaning agents, solvent and deodorizer)

Specific Gravity-0.995 @ 24° C/75° F

pH (Concentrate)-6.0-7.0

Form-Liquid

Viscosity-Water thin

Color-Clear blue

Stability-

a. Shelf @ 24° C/75° F - one year

minimum

b. Freeze/Thaw - 3 cycles

Biodegradable

Phosphate Free

Authorized for use by the USDA

##### Packaging:

NABC is packaged in lithographed 55, 30 and 15-gallon drums, and in attractively silkscreened 5-gallon pails, gallons, and quarts. Each quart is equipped with a flip top dispensing cap. One swab mop is included with each case of 12 quarts.

**Guarantee:** Spartan's modern manufacturing and laboratory control insure uniform quality. All products manufactured by Spartan Chemical Co., Inc., are unconditionally guaranteed when used as directed. Any unused portion may be returned for credit.

#### PRECAUTIONARY STATEMENTS HAZARD TO HUMANS & DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. May cause skin and eye irritation. Avoid contamination of food. Do not get in eyes. Avoid contact with skin and clothing. Wash thoroughly with soap and water after handling.

**Statement of Practical Treatment:** If swallowed drink large quantities of water. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.  
Open dumping is prohibited.  
Do not reuse empty container. Rinse empty container thoroughly with water and discard in regular trash collection.

Only for Sale to, Use, and Storage by Servicepersons

ACCEPTED

DATE

DEC 14 1977

For use only in accordance with the label.  
EPA Reg. No. 5747-18



14 DEC 1983

Spartan Chemical Company, Inc.  
110 N. Westwood Avenue  
Toledo, OH 43607

Attention: Ronald T. Cook  
Microbiologist

Gentlemen:

Subject: NABC Nonacid Disinfectant Bathroom Cleaner  
EPA Registration No. 5741-18  
Your Application Dated November 4, 1983

This amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling: (label review only)

a. Revise the statement:

Kills Herpes Simplex Type II and Influenza A<sub>2</sub> viruses

to read:

Kills Herpes Simplex Type 2 and Influenza A<sub>2</sub>/Hong Kong on hard, inanimate nonporous environmental surfaces.

b. Revise the referral statement to read:

See rear panel for additional precautionary statement.

c. The full product name, NABC Nonacid Disinfectant Bathroom Cleaner, should be consistently declared throughout the label text. Abbreviated variations are not acceptable.

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

3. Make the labeling changes below before you release the product for shipment bearing the amended labeling. (product information bulletin reviewed)

a. Revise the statement:

"...when tested against Herpes Simplex Type II and Influenza A<sub>2</sub> (Hong Kong)...."

to read:

"...when tested against Herpes Simplex Type 2 and Influenza A<sub>2</sub>/Hong Kong on hard inanimate nonporous environmental surfaces...."

- b. The full product name, NABC Nonacid Disinfectant Bathroom Cleaner, should be consistently declared throughout the bulletin. Abbreviated variations are not acceptable. You may consider nondescriptive terminology such as "...this product..." in lieu of the full product name.
- c. Include the reference asterisk next to the word Virucidal (two locations).
- d. Revise the statement "Biodegradable" to indicate that the detergents in this product may be biodegradable. Note that this product is not biodegradable, this product is a disinfectant.
- e. Delete the statement:

"Authorized for use by the USDA."

We have no documentation in our files to support this statement. Submit documentation from USDA declaring that you are authorized for use by USDA for our review.

- f. Note that the storage and disposal statements would not be appropriate for your 15, 30, 55 gallon drums. It is the responsibility of the registrant to ensure that all his products have adequate storage and disposal statements prior to release for shipment. Ref.: lower back page of the bulletin.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(c). Your release for shipment of the product constitutes acceptance of these conditions.