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Nordico Inc.  
47 East 44th Street  
New York, New York 10017

Attention: Chris Sheridan

Gentlemen:

Subject: Nordico Sanitizing Towels  
EPA Registration Number 62401-1  
Your Submission Dated September 23, 1992  
EPA Received Date September 16, 1992

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, to request approval of supplemental data package in support of the sanitizing efficacy for this product, is acceptable.

The current submission was a response to a previous efficacy review dated July 1, 1992. The issues raised in the July 1, 1992 efficacy review were adequately addressed as follows:

1. The 5% horse serum "bioburden" employed is sufficient for re-use on hard, pre-cleaned surfaces.
2. The data were shown to have been developed in tap (hard) water, as per label use directions.
3. The submitted data pass the non-food Sanitizer Test requirements showing a >99.9% reduction of all three organisms tested for an eight hour period. The % reduction was calculated using an inoculated test slide as starting control. The percent reduction includes microorganisms removed by the mechanical wiping process. This step was not clearly stated in the first submission, resulting in an interpretation that the process showed less than the required % of microbial reduction.
4. The submission includes the neutralization control procedures and data. The neutralization of the test chemical was adequate.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

The proposed new use patterns of preparation of use-solution by placing 1 towelette in 16 ounces of water and use and re-use of this solution over a period of eight hours to sanitize pre-cleaned, hard, non-porous, non-food contact surfaces is acceptable as evidenced by the efficacy data. Chemical analysis of the use-solution during the eight hour period does not show a significant loss of potency.

The submitted non-food contact surfaces sanitizing data are acceptable to support non-food contact surface sanitizing claims for surfaces in food service establishments such as dining table tops, counter tops and shelves in customer service areas.

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

If you have any questions concerning this letter, please contact Karen M. Leavy at (703)-305-6966.

Sincerely yours,



John H. Lee  
Product Manager-31  
Antimicrobial Program Branch  
Registration Division (H7505-C)

4121 62401-1 324

Revised 9-8-92

These towels are pretreated with cleaning and sanitizing chemicals, for use in restaurants and other foodservice establishments. When activated by water they clean and sanitize vinyl, tile, stainless steel, glass and other hard surfaces, such as counters, dining table tops, and shelves in customer service areas. Towels should be immersed in water and squeezed several times to activate the special cleaning and sanitizing solution to kill and control bacteria on clean or pre-cleaned surfaces. Dampened towels must be stored in cleaning and sanitizing solution between uses.

Active Ingredients:

N-Alky(68% C-12, 32% C-14) Dimethyl Ethylbenzyl Ammonium Chlorides	0.475%
N-Alky(60% C-14, 30% C-16, 5% C-12, 5% C-18) Dimethyl Benzyl Ammonium Chlorides	0.475%
Inert Ingredients	99.050%
Total	100.000%

E.P.A. Reg. #62401-1

E.P.A. Est. #62401-NC-001

Keep out of reach of children

**CAUTION:** Read directions and precautionary statements below.

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

To Clean And Sanitize Vinyl, Tile, Stainless Steel, Chrome, Glass, and Other Non-porous Hard Surfaces: Immerse cleaning and sanitizing towels in water in accordance with the following use dilution chart:

<u># Towels</u>	<u>Amount of Water</u>	<u># Towels</u>	<u>Amount of Water</u>
1	1 pint	3	1.5 quarts
2	1 quart	4	0.5 gallons

Squeeze towels several times to activate the cleaning and sanitizing solution. To clean and sanitize heavily soiled surfaces, visible food particles and other gross debris should be thoroughly removed before using the cleaning and sanitizing towels. Use a wet or dampened towel to clean and sanitize pre-cleaned surfaces. Allow surfaces to air dry. Store towels in the cleaning and sanitizing solution between uses.

The cleaning and sanitizing solution should be discarded after 8 hours of use, or sooner if visibly soiled. Used towels should be discarded, or rinsed and laundered thoroughly before use for general cleaning.

To reactivate the system, rinse container with water and repeat the process with a fresh cleaning and sanitizing towel and water, as directed above.

Precautionary Statements: Hazardous to humans and domestic animals. May cause eye irritation. Avoid contact with eyes. If there is contact with eyes, flush with plenty of water. Call physician if irritation persists. Do not ingest.

Storage and Disposal: Store in dry environment. Dispose of used towels and packaging in solid waste trash container.

Contents: 24 towels (13.5" x 18.75")

Manufactured by Nordico Inc., Benson, NC 27504

Made in U.S.A.

62401-1