



UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

August 16, 2004

Ronald T. Cook  
Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, OH 43537

Subject: **M.L.D. Bowl Cleanse**  
EPA Registration No. 5741-3  
Application Dated June 9, 2004  
Receipt Date: June 1, 2004

Dear Mr. Cook:

The following amendment submitted in connection with registration under Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments:

**Proposed Amendment:**

- "Directions For Use" (add amount of time that the product should remain on the surface)

**General Comment:**

Based on a review of the material submitted, the following comments apply:

Change the statement "Dangerous Bacteria" to "Pathogenic Bacteria." In addition, you must list the nomenclature (including ATCC designation) of all bacteria, fungi, and viruses that the product claims to be effective against. The common names of all bacteria, fungi and viruses must be qualified with the complete nomenclature, i.e., *Staphylococcus aureus* (Staph), *Streptococcus pyogenes* (Strep germ), *Trichophyton Mentagrophytes* (athlete's foot fungus),,,

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A stamped copy of the label is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6422 or Stacey Grigsby at (703) 305-6440.

Sincerely,

A handwritten signature in black ink that reads "Stacey Grigsby". The signature is written in a cursive, flowing style.

Adam Heyward  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510C)

Enclosure(s)



# M.L.D.<sup>TM</sup> Bowl Cleanse

## DISINFECTS CLEANS DEODORIZES

### ACTIVE INGREDIENTS:

Phosphoric acid ..... 25.00%  
 n-alkyl (C<sub>14</sub> - 50%, C<sub>12</sub> - 40%, C<sub>16</sub> - 10%)  
 dimethyl benzyl ammonium chlorides ..... .05%

INERT INGREDIENTS: ..... 74.95%

Total: ..... 100.00%

EPA Reg. No. 5741-3

EPA Est. No. 5741-OH-1

Keep Out of Reach of Children

**DANGER**

See first aid and other precautions on rear panel.

FOR INSTITUTIONAL AND  
INDUSTRIAL USE ONLY

NET CONTENTS: 32 FL. OZ. (ONE Quart)/0.946 Liters

## M.L.D.<sup>TM</sup> Bowl Cleanse

ELIMINATES LIME, RUST AND ORGANIC DEPOSITS.  
 ELIMINATES OFFENSIVE ODORS.  
 ELIMINATES MANY DANGEROUS BACTERIA. WILL  
 NOT HARM ACTION OF SEPTIC TANKS

M.L.D. Bowl Cleanse is a one-step cleaner disinfectant for use on toilet bowls and urinals. M.L.D. Bowl Cleanse is recommended for use in hotels and motels, 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.

### CLEANING, DISINFECTING AND DEODORIZING 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. Saturate swab mop with M.L.D. Bowl Cleanse (1-2 oz.) while holding applicator and bottle over bowl.
  4. Swab entire surface area especially under the rim where water outlets are located.
  5. Allow M.L.D. Bowl Cleanse to remain wet on surface at least 10 minutes.
  6. Flush toilet several times and rinse applicator thoroughly.

**IMPORTANT: USE ONLY ON VITREOUS TOILETS AND URINALS.**



ACCEPTED  
with COMMENTS

SPARTAN CHEMICAL COMPANY, INC.

110 Spartan Drive, Maumee, OH 43537 / 1-800-537-8990 / www.spartanchemical.com

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### PRECAUTIONARY STATEMENTS Hazard to Humans and Domestic Animals

#### DANGER

Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Harmful if absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**FIRST AID: IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

### 24 HOUR MEDICAL EMERGENCY NUMBER: 888-314-6171

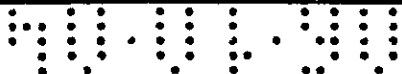
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

### STORAGE AND DISPOSAL

Do not reuse empty container. Rinse thoroughly with water and discard in regular trash collection or sanitary landfill.



AUG 16 2004

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act as  
 amended, for the pesticide,  
 registered under EPA Reg. No. 5741-3