

OCT 17 1986

H&S Chemicals Division  
970 East Tipton Street  
Huntington, IN 46750

Attention: Richard D. Sheets

Gentlemen:

Subject: Formulation HTA-64 Disinfectant  
EPA Registration No. 47371-7  
Your Amendment Application Dated February 3, 1986

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. Under "Directions For Use" in the second paragraph at the top, add "restaurants and bars" and "beverage plants" to the list of "For use in . . . ."
  - b. Under "For Sanitizing" in the first paragraph, add "Drain thoroughly" between ". . . discarded" and "Do not rinse."
  - c. Under "Restaurant and Bar Use," add "Drain thoroughly" between ". . . 1 minute" and "Do not rinse."
  - d. Change "Soft Drink Plants" to "Beverage Plants," since the directions later refer to "beer fermentation and holding tanks" also.
  - e. Under "Beverage (Soft Drink) Plants" in the first paragraph, change ". . . thoroughly rinse" to ". . . after cleaning thoroughly rinse"; change ". . . 1 oz per 5 1/2 gallons . . ." to ". . . 2 oz per 3 gallons . . ."; change "(200 ppm of quat)" to "(175 ppm of quat)", change ". . . until operations resume . . ." to ". . . for at least 1 minute or until operations resume . . ."; delete "Rinse with clear water."

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CONCURRENCES

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In the second paragraph, change "... should be flushed with a sanitizing solution" to "... should be cleaned, rinsed and flushed with the sanitizing solution for at least 1 minute."

- f. Under "Sanitary Filling," change "Formulation H" to "Formulation HTA-64; change "... in concentration of 100 ppm" to "... in concentration of 175 ppm"; change "... solution of 200 ppm . . ." to "... solution of 175 ppm . . . ."
- g. Under "Storage Tank Sanitizing," change "A solution of 200 ppm . . ." to "A solution of 175 ppm . . ."; add "Drain thoroughly" between "... systems" and "Do not rinse."
- h. Add the following statement:

For mechanical operations or automated systems, the used sanitizing solution may not be reused for sanitizing, but may be reused for other purposes such as cleaning.

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

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

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

Enclosure

# Formulation HTA-64 Disinfectant

An effective, multi-purpose disinfectant. Bactericidal, Pseudomonacidal, Bactericidal, Fungicidal, and Virucidal against Herpesvirus Type I, Adenovirus Type 3, Influenza A/73 (Vaccine), and Vaccine on powdered hard environmental surfaces and non-porous inanimate environmental surfaces. An effective sanitizer for use on food contact surfaces. It also fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinance 1965 recommendation of the U.S. Public Health Service on hard waters up to 250 ppm hardness (calculated as CaCO<sub>3</sub>).

CLEAN + DISINFECT + DEODORIZES  
BACTERICIDAL + FUNGICIDAL AGAINST ATHLETE'S FOOT FUNGUS\* + VIRUCIDAL (INFLUENZA A/73 VIRUS)

DISINFECTANT, 1:64

SANITIZER, 1:192

## DIRECTIONS FOR USE

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

For use in hospitals, nursing homes, schools, colleges, office buildings, veterinary clinics, hotels and motels, animal life science laboratories, medical and dental offices and in households.

### FOR CLEANING:

For use on hard non-porous surfaces such as floors, walls, metal surfaces, porcelain, and plastic surfaces. Remove gross dirt and heavy soil deposits then thoroughly wet surfaces as recommended and required. Use 2 ounces per gallon of water for a minimum contact time of 10 minutes in a single application. Can be applied with a mop, sponge, or cloth as well as spraying or soaking. The recommended use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be walked on or polished.

### FOR SANITIZING:

For use on hard non-porous surfaces such as counter tops, eating utensils, and drinking glasses. For heavily soiled areas a precleaning is recommended and required. Rinse with potable water prior to application of sanitizing solution. Then use 2 ounces per 3 gallons of water for a minimum contact time of 1 minute in a single application. Can be applied with a mop, sponge, or cloth as well as spraying or soaking. Thoroughly wet all surfaces. For technical applications, use solution may be re-used for sanitizing application. The recommended use solution is prepared fresh for each use then discarded. Do not reuse.

Before use as a sanitizer in federally inspected meat and poultry plants and dairy, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not required following use of the compound on previously cleaned hard surfaces provided that the surfaces are adequately rinsed before contact with food as their title or no residue remains.

Restaurant and Bar Use: For use as a sanitizer on dishes, glassesware, silverware, cooking utensils, wash with detergent, rinse thoroughly and immerse in a solution 2 ounces per 3 gallons of water for at least 1 minute. Do not rinse.

SEPTIC DRINK PLANTS: For sanitizing of bottling or premix dispensing equipment:

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Thoroughly rinse equipment with cold or ice-warm water. Fill equipment with sanitizing solution of

1 oz. per 5 gallons of water (200 ppm of quaternary ammonium chloride).

Allow the solution to remain in contact with equipment until operations resume & which time the sanitizing solution should be drained from the system. Rinse with clear water.

47371-77

To insure the removal of flavors, it is suggested that during changeover between products, the system should be flushed with a sanitizing solution. Allow to drain completely before using.

SANITARY FILLING: Recommended for use in sanitizing bottles or cans in the final rinse application. Formulation K is to be proportioned into the final rinse water line of the canner or washer or rinser in concentration of 100 ppm. A sanitizing solution of 200 ppm active quat should be used in an external spraying application for the filler & closing machine.

STORAGE TANK SANITIZING - Recommended for sanitizing beer formulation & holding tanks. A solution of 200 ppm should be applied by spraying evenly in combination with automated cleaning.

### SUSPENS. Do Not Rinse

KITCHENS & BATHROOMS: For cleaning and deodorizing kitchens and bathrooms, apply a solution of 1/4 cup of the product/gallon of water to floors, walls, porcelain surfaces, ceramic tile, and other hard non-porous surfaces with a cloth and a sponge.

FOR CLEAN, FRESH, HYGIENIC LAUNDRY/DUPLERS: For extra cleaning power deodorizing action, add 1/2 cup Formulation HTA-64 with regular soap or detergent. Makes laundry fresh and odor free - especially good for grimy work clothes. For stubborn stains and spots, pre-treat with full strength Formulation HTA-64 before adding to wash load. To kill odor-causing bacteria in diapers, pre-treat in 1/2 cup Formulation HTA-64 per gallon of water.

### ACTIVE INGREDIENTS:

n-Alky (C14:80%, C18:30%, C12:5%) dimethylbenzyl ammonium chloride ..... 1.69%

n-Alky (C12:65%, C14:25%) dimethyl ethylbenzyl ammonium chloride ..... 1.69%

INERT INGREDIENTS ..... 96.62%

Total 100.00%

## DANGER: KEEP OUT OF REACH OF CHILDREN. ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS.

### STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin for at least 15 minutes. Get medical attention. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

NOTE TO PHYSICIAN: Probable induced damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

### PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE: Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. To protect eyes wear goggles or face shield and to protect hands wear rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

### STORAGE AND DISPOSAL

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

#### PESTICIDE DISPOSAL

Pesticide wastes are highly hazardous. Improper disposal of excess pesticide, spray mixture, or mixture is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### CONTAINER DISPOSAL

1 GALLON OR LESS

Do not reuse empty container. Rinse thoroughly before discarding in trash. Securely wrap or seal container in several layers of newspaper and discard in trash.

#### PLASTIC CONTAINERS

1 GALLON

Triple rinse for equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning if burned, stay out of smoke.

#### STEEL DRUMS WITH LINERS

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

#### METAL CONTAINERS

Triple rinse for equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

EPA REG. NO. 47371-27 EPA EST. NO. 47371-N-01

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