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NOV 16 1988

Apter Industries, Inc.  
1224 Long Run Road  
P.O. Box 456  
McKeesport, PA 15134

Attention: Robert J. Holmes

Gentlemen:

Subject: AQUAPHENATE  
EPA Registration No. 12017-3  
Your Application Dated October 4, 1986  
EPA Received Date October 12, 1986

The amendment referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
  - a. Delete the word "milk."
  - b. In the sanitization section delete the statement "No potable water rinse is required."
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.

50236:I:7ee:LL-3:KEMCO:10/19/88:12/1/88:rw:VO:EK:aw

CONCURRENCES


SYMBOL							
SURNAME							
DATE							

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If you have any questions concerning this letter, please contact  
Karen Leavy at (703) 557-3966.

Sincerely yours,

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

Enclosure

# AQUAPHENATE

Disinfectant-Sanitizer-Fungicide Deodorizer  
for Hospital, Institutional, Industrial,  
School, Dairy and Other Farm Use.

## ACTIVE INGREDIENTS

Didecyl dimethyl ammonium chloride

7.5%

## INERT INGREDIENTS

92.5%

100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

### Statement of Practical Treatment

Wash thoroughly with plenty of water for at least 15 minutes. For eyes, wash with water and flush thoroughly before reuse.

If symptoms of poisoning occur (nausea, vomiting, diarrhea, or if there are other symptoms), call a physician immediately.

**NOTE TO PHYSICIAN:** In case of poisoning, the use of gastric lavage, emesis, and cathartics may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Establishment No. 2017-PA-1

ONE GALLON

**AFTER INDUSTRIES, INC.**



## STORAGE AND DISPOSAL

1. Precautions: Do not contaminate water, food or feed. Open dumping is prohibited. Do not reuse.
2. Storage: Store in original container.
3. Spill or Leak Procedure: Small spills may be mopped up with water or absorbed on some absorbent material. Spills should be contained; the material then moved to a disposal site by approved methods for hazardous waste.
4. Pesticide Disposal: Pesticide wastes are acutely toxic. Do not dispose of excess pesticide, spray mixture, or rinsate in a sewer. If these wastes cannot be disposed of by the instructions, contact your state pesticide or environmental hazard representative at the nearest office for guidance.
5. Container Disposal: Triple rinse (or equivalent). Then recleanse, or puncture and dispose of in a safe manner by approved procedures by state and local authorities.

IF CONTAINER IS 1 GALLON OR LESS, EMPTY BOTTLE WRAP CONTAINER AND REUSE.

1. General: Contact Federal, State or local Disposal Authority for disposal instructions such as limited burning.

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AFTER INDUSTRIES, INC., McKEESPORT, PA.

## DIRECTIONS FOR USE

### DISINFECTION

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Apply AQUAPHENATE with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

**Disinfection in Hospitals, Nursing Homes and Other Health Care Institutions.**  
For disinfecting floors, walls, counter tops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard, non-porous surfaces.  
Add 2 oz. AQUAPHENATE to 4 gallons water. Apply to previously cleaned hard surface with mop or cloth.  
At 2 oz./4 gallon use-level, AQUAPHENATE is effective against *Pseudomonas aeruginosa*.

**Disinfection in Institutions, Industry, and Schools.**  
For disinfecting floors, walls, bedframes, counter tops, tables, chairs, garbage pails, bathroom fixtures and other hard, non-porous surfaces.  
Add 2 oz. of AQUAPHENATE to 4 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

At 2 oz./4 gallon use-level AQUAPHENATE is effective against *Staphylococcus aureus*, *Staphylococcus*, *Chlorocephalus* and *Trichophyton interdigitale* (the athlete's foot fungus).

**Disinfection of Barber Tools.**  
Pre-cleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by dipping in a 1/2 oz./gallon solution of AQUAPHENATE.

**Disinfection of Poultry Equipment, Animal Quarries and Kennels.**  
Poultry brooders, watering troughs, feeding equipment and other animal quarters (such as pens and kennel runs) can be disinfected after thorough cleaning by applying a solution of 2 oz. AQUAPHENATE to 4 gallons of water with a mop, cloth or brush. Small utensils should be immersed in solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes watering all broods, flocks and other feeding and watering applications. Remove all litter and droppings from pens, stalls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, open all other closed spaces. Do not house poultry, or other animals, or empty equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact milk or other food must be rinsed with potable water before use.

### SANITIZATION

For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, counter tops, refrigerated storage and display equipment and other hard, non-porous surfaces. No potable water rinse is required. Wash and rinse all articles thoroughly, then apply a solution of 1 oz. Aquaphenate in 4 gallons of water (150 ppm active). Surfaces should remain wet for at least one minute followed by adequate draining and air drying. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application, use solution may not be passed for sanitizing applications.

Apply to sink tops, counter tops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush. No potable water is required.

- Directions for use in Eating Establishments:
1. Scrape and pre-wash utensils and glasses whenever possible.
  2. Wash with a good detergent or compatible cleaner (a commercial cleaner or detergent can be recommended).
  3. Rinse with clean water.
  4. Sanitize in a solution of 1/2 ounce to 1 gallon of water (150 ppm). Immerse all utensils for at least two minutes or for contact time specified by governing sanitary code.
  5. Place sanitized utensils on a rack or drainboard to air dry.

NOTE: A clean potable water following sanitization is not permitted under Section HES 796.13 of the Wisconsin Administrative Code.

At 1/4 oz./4 gallon use-level, Aquaphenate meets the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinance 1974 promulgated by the U.S. Public Health Service in water up to 1000 ppm of hardness calculated as CaCO<sub>3</sub> when tested by the ADAC Germicide and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*.

The utensils, tanks, and tools of dairy coops can be sanitized by washing with a solution of 1 oz. Aquaphenate in 4 gallons of warm water. No potable water rinse is required.

Use a fresh towel for each coop. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty, discard and provide fresh solution.

ACCEPTED  
COMMENTS  
to EPA Letter  
NOV-16 1974

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, this pesticide is registered under EPA Reg. No. 12017-3.

### PRECAUTIONARY STATEMENTS — Hazards to Humans and Domestic Animals

### DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. CAUSES EYE DAMAGE AND SKIN IRRITATION. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. PROTECT EYES AND SKIN WHEN HANDLING. HARMFUL IF SWALLOWED. AVOID CONTAMINATION OF FOOD.

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