

E.P.A. EST. 8654 - CA - 1

Rinse empty container thoroughly with water and discard it.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

**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.

**FIRST AID**

In cases of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician immediately.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

# MEDICAL-CHEMICAL

## BAK 17% Concentrate

Brand of Benzalkonium Chloride  
**DISINFECTANT AND GERMICIDE**  
**MUST BE DILUTED**

**ACTIVE INGREDIENTS:**

n-Alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> )	
dimethyl benzal ammonium chloride	17%
Ethyl Alcohol	4.25%
<b>INERT INGREDIENTS</b>	<b>78.75%</b>

EPA Reg. No. 8654-6

Control No. \_\_\_\_\_

**DANGER**

**KEEP OUT OF REACH OF CHILDREN**  
See First Aid Statement and other precautions on the side panel.

**NET CONTENTS:**

**MANUFACTURED BY**

## MEDICAL-CHEMICAL CORP.

1713 20TH STREET, SANTA MONICA, CALIF. 90404  
PHONE (213) 829 4304

**FOR LABORATORY AND HOSPITAL  
MUST BE DILUTED**

**DIRECTIONS FOR DILUTION**

To prepare 1 U.S. gallon Benzalkonium Chloride Aqueous	
Benzalkonium Chloride Concentrate (BAK 17%)	.....
Distilled Water	.....

**DIRECTIONS FOR USE**

The 1:750 solution should be used full strength. Clean instrument. Submerge article in solution for at least 10 minutes. Immediately without further rinsing or drying. May be used for plastic, rubber or glass instruments and apparatus including dermic equipment and tubing. Solution should be changed

**\*Note:** For disinfection of metallic instruments and amp sterilization by heat the following procedure is recommended

Article should be thoroughly cleaned with mild soap or (Detergi-Sol), rinsed completely in water and immersed in of Benzalkonium Chloride (BAK) for 30 minutes for disinfection of metallic articles stored in BAK solutions, ANTI taining sodium carbonate and sodium nitrite) may be added mixed per each quart of solution. The exceptions are z which may react with the sodium carbonate. The solution the solution alkaline to prevent hydrolysis and embrittlement autoclaving.

**Warning:** BAK solutions to which has been added an anti-marked "WITH ANTI-RUST" or "CONTAINS SODIUM application to patient's skin or mucous membranes. Sol at least once a week.

Not to be relied upon to destroy bacterial spores, myco the etiological agent of viral hepatitis. For destruction c steam autoclaving is mandatory, after which instru in a sterile covered pan in this solution until use

# MEDICOHEM

## BAK 17% Concentrate

Brand of Benzalkonium Chloride  
DISINFECTANT AND GERMICIDE  
MUST BE DILUTED

ACTIVE INGREDIENTS:

n-Alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> )	
dimethyl benzal ammonium chloride	17%
Ethyl Alcohol	4.25%
INERT INGREDIENTS	78.75%

EPA Reg. No. 8654-6

Control No. \_\_\_\_\_

**DANGER**

KEEP OUT OF REACH OF CHILDREN

See First Aid Statement and other precautions  
on the side panel.

NET CONTENTS:

MANUFACTURED BY

**MEDICAL-CHEMICAL CORP.**

1711 10TH STREET, SANTA MONICA, CALIF. 90404  
PHONE (213) 829-4304

FOR LABORATORY AND HOSPITAL USE ONLY  
MUST BE DILUTED

DIRECTIONS FOR DILUTION

To prepare 1 U.S. gallon Benzalkonium Chloride Aqueous Solution 1:750  
Benzalkonium Chloride Concentrate (BAK 17%) 1.33  
Distilled Water 127.67

DIRECTIONS FOR USE

The 1:750 solution should be used full strength. Clean instruments well and rinse. Submerge article in solution for at least 10 minutes. Instrument may be used immediately without further rinsing or drying. May be used for disinfection of metal, plastic, rubber or glass instruments and apparatus including catheters, gloves, hypodermic equipment and tubing. Solution should be changed at least once a week.

\*Note: For disinfection of metallic instruments and ampuls that do not withstand sterilization by heat the following procedure is recommended:

Article should be thoroughly cleaned with mild soap or a mild alkaline detergent (Detergi-Sol), rinsed completely in water and immersed in a 1:750 aqueous solution of Benzalkonium Chloride (BAK) for 30 minutes for disinfection. To prevent corrosion of metallic articles stored in BAK solutions, ANTI-RUST TABLETS® (containing sodium carbonate and sodium nitrite) may be added, 4 tablets crushed and mixed per each quart of solution. The exceptions are zinc or aluminum articles which may react with the sodium carbonate. The sodium carbonate is used to keep the solution alkaline to prevent hydrolysis and embrittlement of metallic articles when autoclaving.

Warning: BAK solutions to which has been added an anti-rust compound should be marked "WITH ANTI-RUST" or "CONTAINS SODIUM NITRITE" to prevent application to patient's skin or mucous membranes. Solution should be changed at least once a week.

Not to be relied upon to destroy bacterial spores, mycobacterium tuberculosis or the etiological agent of viral hepatitis. For destruction of spore forming bacteria, steam autoclaving is mandatory, after which instruments and needles may be stored in a sterile covered pan in this solution until used.