

**Sanitizing of Food Processing Equipment and other Hard Surfaces in Food Contact Locations**

For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard non-porous surfaces:

Wash and rinse all articles thoroughly, then apply a solution of 1 oz. **BARQUAT 42-10** in 4 gallons of water (200 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 reused for sanitizing applications.

Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush.

Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz / 4 gallon dilution of **BARQUAT 42-10**.

**No Potable water rinse is required.**

At 1 oz / 4 gallons, **BARQUAT 42-10** fulfills the criteria of appendix F of the Grade 'A' Pasteurized Milk Ordinances, 1978 Recommendations of the U.S. Public Health Services in waters up to 850 ppm of hardness calculated as CaCO<sub>3</sub>, when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*.

The udders, flanks, and teats of dairy cows can be sanitized by washing with a solution of 1 oz. **BARQUAT 42-10** in 4 gallons of warm water.

Use a fresh towel for each cow. 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.

**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. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

**STORAGE AND DISPOSAL**

—DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL

—OPEN DUMPING IS PROHIBITED

—DO NOT REUSE EMPTY CONTAINER

**PESTICIDE DISPOSAL**

PESTICIDE OR RINSATE THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

**CONTAINER DISPOSAL**

TRIPLE RINSE (OR EQUIVALENT) AND DISPOSE IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS, OR BURY IN A SAFE PLACE.

**GENERAL**

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING.

**BARQUAT 42-10**  
Disinfectant-Sanitizer-Fungicide  
Deodorizer for Hospital, Institutional,  
Industrial, School, Dairy and Other  
Farm Use

**Active Ingredients**

Alkyl (C<sub>14</sub>, 60%; C<sub>16</sub>, 30%; C<sub>17</sub>, 5%; C<sub>18</sub>, 5%) 5.0%

Dimethyl Benzyl Ammonium Chloride

Alkyl (C<sub>12</sub>, 50%; C<sub>14</sub>, 30%; C<sub>17</sub>, 17%; C<sub>18</sub>, 3%) 5.0%

Dimethyl Ethylbenzyl Ammonium Chlorides

**Inert Ingredients**

90.0%

100.0%

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

**Statement of Practical Treatment**

In case of contact, immediately flush eyes or skin with water for at least 15 minutes. For eyes, consult 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. Avoid alcohol. 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.

SEE LEFT PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS

**EPA Registration No. 6836-56**

**EPA Establishment No. 6836-IL-1**

**Net Contents**

Manufactured By.

**LONZA INC. • FAIR LAWN, N.J. 07410**

**Directions for Use**  
**GENERAL CLASSIFICATION**

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

Apply **BARQUAT 42-10** 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, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard non-porous surfaces.

Add 4.5 oz. **BARQUAT 42-10** to 5 gallons water. Apply to previously cleaned hard surface with mop or cloth.

At this use-level, **BARQUAT 42-10** is effective against *Pseudomonas aeruginosa*.

**Disinfectant in Institutions, Industry and Schools**

For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard non-porous surfaces.

Add 3 oz. of **BARQUAT 42-10** to 5.5 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

At 3 oz. 5.5 gallon use-level **BARQUAT 42-10** is effective against *Staphylococcus aureus* and *Salmonella choleraesuis*.

**Fungicidal Activity**

At 7.5 oz. 5 gallons use-level **BARQUAT 42-10** is effective against *Trichophyton interdigitale* (athlete's foot fungus) on inanimate hard surfaces.

**Disinfection of Barber Tools**

Precleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 5-oz. gallon solution of **BARQUAT 42-10**.

**Disinfection of Poultry Equipment, Animal Quarters and Kennels**

Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 3 oz. **BARQUAT 42-10** in 5.5 gallons of water with a mop, cloth or brush. Small utensils should be immersed in this solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

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BEST DOCUMENT AVAILABLE

**Sanitizing of Food Processing Equipment and other Hard Surfaces in Food Contact Locations**

For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard non-porous surfaces

Wash and rinse all articles thoroughly, then apply a solution of 1 oz BARQUAT 42Z-10 in 4 gallons of water (200 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 reused for sanitizing applications.

Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush.

Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz./4 gallon dilution of BARQUAT 42Z-10. No Potable water rinse is required.

At 1 oz./4 gallons, BARQUAT 42Z-10 has a hard water tolerance of 750 ppm of hardness calculated as CaCO<sub>3</sub> when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against Escherichia coli and Staphylococcus aureus.

The udders, flanks, and teats of dairy cows can be sanitized by washing with a solution of 1 oz BARQUAT 42Z-10 in 4 gallons of warm water.

Use a fresh towel for each cow. 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.

**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. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

**STORAGE AND DISPOSAL**

- DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

**PESTICIDE DISPOSAL**

PESTICIDE OR RINSATE THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

**CONTAINER DISPOSAL**

TRIPLE RINSE (OR EQUIVALENT) AND DISPOSE IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS, OR BURY IN A SAFE PLACE.

**GENERAL**

CONSULT FEDERAL STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING.

**BARQUAT 42Z-10**

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

ACCEPTED  
 NOV 26 1980  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the pesticide  
 registered under 36-57  
 EPA Reg. No.

**Active Ingredients**

Alkyl (C<sub>14</sub>, 60%; C<sub>16</sub>, 30%; C<sub>12</sub>, 5%, C<sub>18</sub>, 5%) 5.0%  
Dimethyl Benzyl Ammonium Chloride

Alkyl (C<sub>12</sub>, 68%; C<sub>14</sub>, 32%) 5.0%  
Dimethyl Ethylbenzyl Ammonium Chlorides

**Inert Ingredients**

90.0%  
100.0%

KEEP OUT OF REACH OF CHILDREN

**DANGER**

**Statement of Practical Treatment**

In case 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. Avoid alcohol. 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.

SEE LEFT PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 6836-57

EPA Establishment No. 6836-IL-1

**Net Contents**

Manufactured By:

LONZA INC. • FAIR LAWN, N.J. 07410

**Directions for Use  
GENERAL CLASSIFICATION**

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

Apply BARQUAT 42Z-10 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, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard non-porous surfaces.

Add 4.5 oz BARQUAT 42Z-10 to 5 gallons water. Apply to previously cleaned hard surface with mop or cloth.

At this use-level, BARQUAT 42Z-10 is effective against Pseudomonas aeruginosa.

**Disinfectant in Institutions, Industry and Schools**

For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard non-porous surfaces.

Add 3 oz of BARQUAT 42Z-10 to 5 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

At 3 oz./5 gallon use-level BARQUAT 42Z-10 is effective against Staphylococcus aureus, and Salmonella choleraesuis.

**Fungicidal Activity**

At 8 oz./5 gallons use-level BARQUAT 42Z-10 is effective against Trichophyton interdigitale (athlete's foot fungus) on inanimate hard surfaces.

**Disinfection of Barber Tools**

Precleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 6 oz./gallon solution of BARQUAT 42Z-10.

**Disinfection of Poultry Equipment, Animal Quarters and Kennels**

Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 4.5 oz BARQUAT 42Z-10 to 5 gallons of water with a mop, cloth or brush. Small utensils should be immersed in this solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

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**Sanitizing of Food Processing Equipment and other Hard Surfaces in Food Contact Locations**

For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard non-porous surfaces.

Wash and rinse all articles thoroughly, then apply a solution of 1 oz **BARQUAT MB-10** in 4 gallons of water (200 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 reused for sanitizing applications.

Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush. Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz / 4 gallon dilution of **BARQUAT MB-10**.

**No Potable water rinse is required.**

At 1 oz / 4 gallons, **BARQUAT MB-10** has a hard water tolerance of 500 ppm of hardness calculated as Ca CO<sub>3</sub>, when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*.

The udders, flanks, and teats of dairy cows can be sanitized by washing with a solution of 1 oz **BARQUAT MB-10** in 4 gallons of warm water.

Use a fresh towel for each cow. 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.

**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. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

**STORAGE AND DISPOSAL**

- DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

**PESTICIDE DISPOSAL**

PESTICIDE OR RINSATE THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

**CONTAINER DISPOSAL**

TRIPLE RINSE (OR EQUIVALENT) AND DISPOSE IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS, OR BURY IN A SAFE PLACE.

**GENERAL**

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING.

**BARQUAT MB-10**

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

ACCEPTED  
NOV 26 1980  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 6836-58

**Active Ingredients**

Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 10%) 10.0%  
Dimethyl Benzyl Ammonium Chloride

**Inert Ingredients**

90.0%  
100.0%

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

**Statement of Practical Treatment**

In case 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. Avoid alcohol. 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.

SEE LEFT PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS

**EPA Registration No. 6836-58**

**EPA Establishment No. 6836-IL-1**

**Net Contents**

Manufactured By:

**LONZA INC. • FAIR LAWN, N.J. 07410**

**Directions for Use  
GENERAL CLASSIFICATION**

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

Apply **BARQUAT MB-10** 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, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard non-porous surfaces.

Add 4.5 oz **BARQUAT MB-10** to 4 gallons water. Apply to previously cleaned hard surface with mop or cloth.

At this use-level, **BARQUAT MB-10** is effective against *Pseudomonas aeruginosa*.

*Disinfectant in Institutions, (i.e., Educational, Penal, Military), Industry and Schools*

For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard surfaces.

Add 3 oz of **BARQUAT MB-10** to 5.5 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

At 3 oz / 5.5 gallon use-level **BARQUAT MB-10** is effective against *Staphylococcus aureus*, and *Salmonella choleraesuis*.

*Disinfection of Barber Tools*

Precleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 5 oz / gallon solution of **BARQUAT MB-10**.

*Disinfection of Poultry Equipment, Animal Quarters and Kennels*

Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 4.25 oz **BARQUAT MB-10** in 4 gallons of water with a mop, cloth or brush. Small utensils should be immersed in this solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals, or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

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