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U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION  
WASHINGTON, D.C. 20460

EPA REGISTRATION NUMBER

5185-233-

DATE OF ISSUANCE

2/14/75

NAME OF PESTICIDE PRODUCT

BIO-GARD 40A

**NOTICE OF REGISTRATION**

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT

*[Handwritten]*  
Bio-Gard, Inc.  
P.O. Box 1409  
Atlanta, GA 30301

24 FEB 1975

**NOTE:** Changes in labeling or formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of the information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this registration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

The following paragraphs are applicable only when checked.

The registration for this product is being issued with the understanding that certain defects in the labeling which are noted below will be corrected as soon as possible. Objection is not raised to the use of the present labeling for a reasonable period of time while fully corrected labeling is being prepared. Three copies of the corrected labeling must be submitted.

462636 2-14-75

Attachment is a copy of...

SIGNATURE OF APPROVING OFFICIAL

*[Handwritten Signature]*

DATE

21 Feb 75

Bio-Guard QDA cleans and sanitizes in one operation. It contains a detergent to effectively remove protein and lipid materials. The acid content is effective in removing and preventing the formation of milkstone and other mineral deposits.

At a use dilution of one part Bio-Guard QDA to 500 parts of water, no potable water rinse is required on food processing and dairy equipment that is adequately drained. (This corresponds to use of one ounce of this product per each four gallons of water.)

### DIRECTIONS

**PREPARATION OF NO-RINSE USE SOLUTION:** Use 1 oz. of this product per each 4 gallons water.

**CLEANING BULK MILK TANKS:** Immediately after milk has been removed from the bulk tank, rinse the tank *thoroughly* with cold water and allow the tank to drain. Prepare the *Use Solution* of this product in warm water at 140°F. Place four to five gallons of this in the tank. Thoroughly scrub tank, mixers, covers and allow the tank to drain.

**SANITIZING MILK EQUIPMENT BEFORE USE:** All milking equipment, such as pails, inflations and tubing should be thoroughly cleaned as soon as possible after milking is completed. Then, just prior to the next milking, sanitize all milking equipment by dipping into the *Use Solution* of this product, scrubbing where necessary. Allow the equipment to thoroughly drain prior to use.

For sanitizing udders, prepare the use solution. Soak a clean, single service towel in this solution for each animal, thoroughly wipe the udders. Be sure udders are thoroughly dry before attaching inflations. Never reuse towel or dip a used towel back into the use solution. Always use freshly prepared solutions and non-corrodible containers and utensils.

# Bio-Guard QDA

**An Acidified Cleaner and Sanitizer**

#### ACTIVE INGREDIENTS:

Alkyl (C<sub>12</sub>, 40%; C<sub>14</sub>, 50%; C<sub>16</sub>, 10%)  
dimethyl benzyl ammonium chloride . . . . .  
Phosphoric acid . . . . .  
Ethanol . . . . .

Total Active Ingredients

#### INERT INGREDIENTS:

Total Ingredients

## DANGER

KEEP OUT OF REACH OF CHILDREN

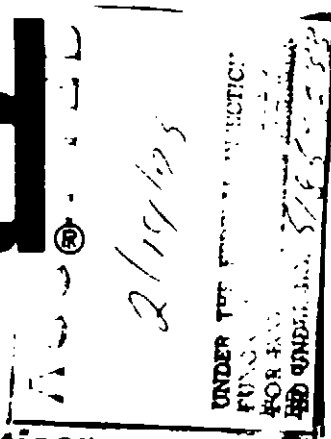
(See right side panel for additional information and first aid statements)

**BIO-LAB, INC.**

Decatur, Ga.

# Bio-Guard<sup>®</sup>

## QDA



**An Acidified Cleaner and Sanitizer**

**ACTIVE INGREDIENTS:**

Alkyl (C <sub>12</sub> , 40%; C <sub>14</sub> , 50%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride	10.00%
Phosphoric acid	30.00%
Ethanol	2.50%
Total Active Ingredients	42.50%

<b>INERT INGREDIENTS:</b>	57.50%
Total Ingredients	100.00%

### DANGER

**KEEP OUT OF REACH OF CHILDREN**

(See right side panel for additional precautions and first aid statements.)

**BIO-LAB, INC.**

Decatur, Ga.

EPA Reg No 5185 233

Net Contents

**HARD WATER TOLERANCE:** This product fulfills the criterion of Appendix F of the Grade A Pasteurized Milk Ordinance 1965 Recommendations of the U.S. Public Health Service in waters up to 700 ppm hardness calculated as calcium carbonate, when tested by the AOAC Germicidal and detergent Sanitizing official methods. Consult your local Public Health Department for additional information.

### DANGER

Keep Out of Reach of Children. Corrosive. Causes severe eye and skin damage. 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.

### FIRST AID

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 convulsions may be needed.

Rinse empty container thoroughly with water and discard.

EPA Est No. 5185-GA-1