

ACCEPTED
 SEP 22 1981
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under 5185-223 EPA Reg. No.

When used as directed this product is an effective disinfectant, deodorant, and sanitizer. When used as a sanitizer, food contact surfaces, equipment and utensils can be air dried after immersion in a 1 oz. 4 gallon solution without a potable water rinse.

When used as directed, this product mixes with water to form clear, stable use solutions that are non-corrosive and non-staining to most common metals, plastic, and tiles.

**PRECAUTIONARY STATEMENTS
 HAZARDS TO HUMANS
 AND DOMESTIC ANIMALS**

DANGER

Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food. Avoid breathing spray mist.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES Permit. Do not contaminate water by cleaning of equipment or by disposing of wastes.

DISPOSAL: Do not reuse empty container. Wrap container and put in trash collection.

USE DIRECTIONS

General Use Classification

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

DISINFECTION IN HOSPITALS, INSTITUTIONS, RESTAURANTS, HOMES, AND PUBLIC ROOMS: This product may be used on floors, walls, woodwork, bed frames, furnishings, and equipment. Types of surfaces suitable for disinfection include glass, smooth metal, washable painted wood or metal, vinyl, glazed porcelain, plastic, finished leather, finished wood and similar non-porous, hard, smooth surfaces.

Always pre-clean surfaces with a suitable detergent and rinse well with water before disinfection. After cleaning, apply a solution containing 1 ounce of Disinfectant per gallon of water for usual disinfecting applications. For disinfecting contagious disease areas, use 1 1/2 ounces per gallon of water.

**BIO-GUARD
 RD-10**

**DISINFECTANT-SANITIZER-
 DEODORANT**

ACTIVE INGREDIENTS	
4-chlorophenyl dimethyl benzyl ammonium chloride	10.00
INERT INGREDIENTS	90.00
TOTAL INGREDIENTS	100.00

This product fulfills the criteria 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 of hardness calculated as CaCO₃ when tested by the AOAC Germicidal and Detergent Sanitizers -- Official Method.

*This disinfectant is effective at 1 oz. gal. against *Pseudomonas aeruginosa* PRD-10, *Salmonella choleraesuis* ATCC 10708 and *Staphylococcus aureus* ATCC 6538 when tested by the AOAC Use Dilution Test Method for pre-cleaned non-porous hard surfaces.

This disinfectant is an effective virucide against Influenza virus Type A Brazil at 1 oz. gal. on pre-cleaned, non-porous hard surfaces.

**KEEP OUT OF REACH OF CHILDREN
 DANGER**

(See Additional Precautions on Side Panels)

PRACTICAL TREATMENT (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, raw egg whites, gelatin solution or, if these are not available, drink a large quantity 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.

Manufactured by:
 BIO-LAB, INC.
 Decatur, GA 30031

EPA Reg. No. 5185-223
 EPA Est. No. 5185-GA-1

NET CONTENTS, 1 U.S. Gal.

The use solution should be applied with a sponge, or by a mechanical brush. Surfaces must remain moist for proper germicidal action. Discard solutions when they become cloudy. Do not use with this concentration of potable water before reuse.

This disinfectant has been tested and found effective against *Mycobacterium tuberculosis* H37Rv, relied upon when tuberculous.

SANITIZATION OF GLASSWARE, SILVER UTENSILS, MILK CANS, PROCESSING PLANTS AND RESTAURANTS: Wash and clean with a suitable detergent and potable water, then immerse in a solution of 1 ounce of THIS PRODUCT per 4 gallons of water (100 ppm active sanitizer). Apply by immersion for 1-2 minutes. Rinse with a clean cloth or mop. For items to drain through, immerse in a clean cloth or mop wet for 1-2 minutes for items to drain through. No rinsing is required. Let items (glassware, dishes) drain and air dry. Fresh solutions daily or diluted or soiled.

FLANK AND UDDER: Disinfectant per 4 gallons of water. Never use disinfectant solution. Prepare solution (stainless steel, plastic) visibly soiled or turbid. Udder to air dry or dry with milk.

FOR DEODORIZING TRUCKS, INDUSTRIAL GARBAGE HANDLING: suitable detergent and solution of 2 oz. of THIS PRODUCT per 4 gallons of water.

BIO-GUARD RD-10

DISINFECTANT-SANITIZER- DEODORANT

ACTIVE INGREDIENTS	
Alkyldimethylbenzylammonium chloride	10.00
INERT INGREDIENTS	90.00
TOTAL INGREDIENTS	100.00

This product fulfills the criteria 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 of hardness calculated as CaCO₃ when tested by the A.O.A.C. Germicidal and Detergent Sanitizers - Official Method.

*This disinfectant is effective at 1 oz/gal against *Pseudomonas aeruginosa* PRD-10, *Salmonella choleraesuis* ATCC 10708 and *Staphylococcus aureus* ATCC 6538 when tested by the A.O.A.C. Use Dilution Test Method for pre-cleaned non-porous hard surfaces.

This disinfectant is an effective virucide against Influenza virus Type A Brazil at 1 oz/gal on pre-cleaned, non-porous hard surfaces.

KEEP OUT OF REACH OF CHILDREN DANGER

(See Additional Precautions on Side Panels)

PRACTICAL TREATMENT (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, raw egg whites, gelatin solution or, if these are not available, drink a large quantity 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.

Manufactured by:
BIO-LAB, INC.
Savannah, GA 30031

EPA Reg. No. 5185-223
EPA Est. No. 5185-GA-1

NET CONTENTS 1 U.S. Gal.

The use solution should be applied using a clean mop, sponge or by a mechanical spraying device. Surfaces must remain moist for at least 10 minutes to assure proper germicidal action. Food contact surfaces treated with this concentration of disinfectant must be rinsed with potable water before reuse. Prepare fresh solutions daily. Discard solutions when visibly soiled.

This disinfectant has not been tested for effectiveness against *Mycobacterium tuberculosis* and must not be relied upon when tuberculocidal activity is intended.

SANITIZATION OF FOOD CONTACT SURFACES, GLASSWARE, SILVERWARE, DISHES, COOKING UTENSILS, MILK CANS, AND EQUIPMENT IN FOOD PROCESSING PLANTS, MEAT PLANTS, DAIRIES, AND RESTAURANTS. Scrape or flush away gross soils and clean with a suitable detergent. Rinse thoroughly with potable water, then apply a sanitizing treatment of 1 ounce of THIS PRODUCT in 4 gallons of water (200 ppm active sanitizer). The sanitizing treatment may be applied by immersion, flooding, flushing, spraying or with a clean cloth or mop. All surfaces must be thoroughly wet for 1-2 minutes for proper sanitization. Allow treated items to drain thoroughly and air dry. Do not use a towel. No rinsing is required. Where possible, invert treated items (glassware, dishes, utensils, milk cans, etc.) and let them drain and air dry on a clean surface. Prepare fresh solutions daily or more often if solutions become diluted or soiled.

FLANK AND UDDER WASHING Use 1 ounce of Disinfectant per 4 gallons of water. Use a separate clean towel for each cow. Never dip a used towel back into the disinfectant solution. Prepare a fresh solution for each milking. Prepare solution in non-corrodible containers (stainless steel, plastic). Discard solutions if they become visibly soiled or turbid. To prevent residues in milk, allow udder to air dry or dry with clean towel before attaching to milker.

FOR DEODORIZING GARBAGE CANS, GARBAGE TRUCKS, INDUSTRIAL WASTE RECEPTACLES, AND GARBAGE HANDLING EQUIPMENT — Pre-clean with a suitable detergent and rinse well. Then, apply a wetting solution of 2 oz. of THIS PRODUCT per gallon of water.

This product is an effective sanitizer. When used as a disinfectant on equipment and utensils, immersion in a 1 oz/4 gallon solution after rinse.

This product mixes with water to disinfect surfaces that are non-corrosive to common metals, plastics, and

STATEMENTS TO HUMANS AND ANIMALS

HAZARDOUS TO HUMANS
Irritation. Do not get in eyes. Harmful if swallowed. Avoid breathing spray mist.

HAZARDOUS TO AQUATIC LIFE
This product is toxic to lakes, streams, ponds, or waterways. Do not discharge into water by cleaning of equipment.

Use empty container. Wrap for disposal.

DIRECTIONS

Classification
Use according to labeling.

USE ON: RESTAURANTS, INSTITUTIONS, RESIDENTIAL BUILDINGS, PUBLIC ROOMS. This product is suitable for use on smooth metal, washable enamel, glazed porcelain, plastic, and similar non-porous.

Use with a suitable detergent and disinfection. After cleaning, use 1 ounce of Disinfectant per gallon for sanitizing applications. For disinfection of floors, use 1 1/2 ounces

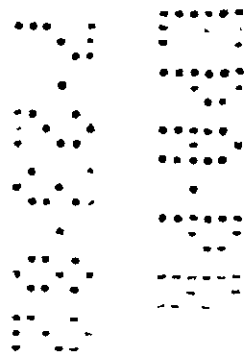


SUPPLEMENTAL LABELING FOR BIO-GUARD RD-10
EPA Reg. No. 5185-223

When applied as directed to precleaned hard, non-porous surfaces this disinfectant also kills the following organisms at one ounce per gallon;

Streptococcus pyogenes
Enterobacter aerogenes
Escherichia coli
Shigella sonnei
Candida albicans

ACCEPTED
AUG 20 1982
Under the Fungicide, and Herbicide, and
Disinfectant, and Antimicrobial
Act, amended, for the pesticide
registered under
EPA Reg. No. 5185-223



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