



**Cleaner,
Sanitizer &
Disinfectant**

BioGuard® DS LIQUID™

**FOR USE IN DAIRY, VEAL, SWINE POULTRY
AND MEAT, FOOD AND BEVERAGE
PROCESSING OPERATIONS.**

***VIRICIDE **BACTERICIDE**

ACTIVE INGREDIENTS:

Alkyl (C₁₄, 60%; C₁₆, 30%; C₁₂, 5%; C₁₈, 5%)
dimethyl benzyl ammonium chloride:..... 5.40
Alkyl (C₁₂, 50%; C₁₄, 30%; C₁₆, 17%; C₁₈, 3%)
dimethyl ethylbenzyl ammonium chloride:..... 5.40

INERT INGREDIENTS:..... 89.20

TOTAL INGREDIENTS:..... 100.00

KEEP OUT OF REACH OF CHILDREN

DANGER

(See back panel for practical treatment
and precautionary information).



BioGuard
Agricultural
Sanitation
Systems

MANUFACTURED BY
BIO-LAB. INC., Decatur, Georgia 30031 USA

NET CONTENTS:

ACCEPTED

MAR 18 1985

U.S. Environmental Protection Agency,
Federal Insecticide, Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 5185-215

BEST AVAILABLE COPY

BioGuard® DS Liquid™ is a cleaner disinfectant for use in dairy, veal, swine and poultry operations.

This disinfectant is an effective virucide for influenza virus, Type A, Brazil on inanimate environmental surfaces at 1 oz./gal.

This disinfectant is effective at 1 oz./gal. for one-step cleaning and disinfecting against *Pseudomonas aeruginosa* PRD-10, *Salmonella choleraesuis* ATCC 10708, *Staphylococcus aureus* ATCC 8538, *Streptococcus pyogenes* ATCC 8342, *Klebsiella pneumoniae* ATCC 4352, and *Escherichia coli* ATCC 11228, when tested by the A.O.A.C. Use Dilution Test Method for hard, non-porous, inanimate surfaces with light to moderate soil loads.

DIRECTIONS

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

GENERAL USE INFORMATION: Recommended for dairy, veal, swine and poultry operations; on walls, floors, tables, vats, milk cans, other equipment and utensils. Before using, remove food from area or protect by covering. Apply disinfecting or sanitizing solutions by flushing, immersion, clean mop or brush. Prepare fresh solutions daily—more often if visibly soiled. Do not reuse solutions. Sanitizing and disinfecting applications are for hard, non-porous surfaces, i.e., polished metals, glass, plastic, glazed tile, stainless, finished wood and enameled surfaces.

SANITIZING: Remove gross soils by flushing with water, scraping or brushing. Pre-clean surfaces with 1-2 oz. D-S Liquid per gallon of water. Rinse well. Sanitize by thoroughly wetting pre-cleaned surfaces with 1 oz. D-S Liquid in 4 gallons of water. Allow solution to contact surface at least one minute. Drain surfaces well and air dry. Do not use a towel. Dairy Backflush Systems. To sanitize milking infusions between cows, rinse fresh milk residue thoroughly from infusions with water, flush with D-S Liquid at 1 oz. in 4 gallons for 1 minute, drain well, and rinse thoroughly with copious amounts of potable water. Dry the unit before attaching to another cow. At end of milking, thoroughly clean and sanitize milking infusions.

DISINFECTING: For simultaneously cleaning and disinfecting areas with light to medium soil loads use 1 oz. D-S Liquid per gallon of water. For heavily soiled areas, pre-clean with this same concentration, rinse well and apply a fresh treatment for final disinfection. Allow disinfecting solutions at least 10 minutes contact with surfaces before rinsing. Food contact surfaces must be rinsed with water before reuse. All treated surfaces in edible processing areas of U.S.D.A. Federally inspected meat and poultry plants must be rinsed following treatment.

UDDER WASHING: Prepare a bucket of D-S Liquid solution (1 oz. to 4 gallons of lukewarm water-200 ppm). Immerse in it one clean cloth or paper towel for each cow to be milked. Wash each cow's udder and teats with a clean towel and the warm solution. Dry teats and udders before attaching infusions. Do not return a used towel to the clean D-S Liquid solution. Cloth towels should be washed and sanitized before reuse.

STORAGE AND DISPOSAL: Store only in tightly closed, original container in a secure area inaccessible to children. Do not contaminate water, food, or feed by storage or disposal.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance.

METAL CONTAINERS: Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PLASTIC CONTAINERS: Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear face mask or goggles and rubber gloves when handling. Remove and wash contaminated clothing before reuse. Harmful if swallowed. Avoid contamination of food.

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

PRACTICAL TREATMENT (FIRST AID): In case of contact with eyes or skin, immediately flush with plenty of water for at least 15 minutes. For eyes, call a physician. 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.

EPA Reg. No. 5185-215

EPA Est. No. 5185-GA-2

