



BioGuard

ACCEPTED

NOV 20 1998

Under The Federal Insecticide, Fungicide & Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 65020-10

HTD-128

DISINFECTANT - CLEANER -

DEODORANT - SANITIZER

Sanitation For Animal Care And Research Facilities

Sanitation For Poultry Hatcheries And Farm Premises

Bactericide - Fungicide - *Virucide

Effectively cleans and disinfects in 400 ppm (23 grains) hard water.

ACTIVE INGREDIENTS:

Alkyl (C ₁₄ , 58%; C ₁₆ , 28%; C ₁₂ , 14%) dimethyl benzyl ammonium chloride.....	4.2%
Alkyl (C ₁₂ , 61%; C ₁₄ , 23%; C ₁₆ , 11%; C ₁₈ , 2.5%; C ₈ &C ₁₀ , 2.5%) dimethyl benzyl ammonium chloride.....	4.2%
*INERT INGREDIENTS:.....	91.6%
TOTAL INGREDIENTS:.....	100%

* Includes detergents for cleaning and chelating agents for hard water effectiveness.

DANGER

KEEP OUT OF REACH OF CHILDREN

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 ingested, 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.

ENVIRONMENTAL HAZARD: This product toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the E.P.A. (See side panel for additional precautionary and practical treatment statements.)

Manufactured by:
BioSentry, Inc.
Stone Mountain, GA 30083

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NET CONTENTS: 1 US Gallon

DISINFECTING CHICK VANS, EGG TRUCKS, HATCHERY AND FARM VEHICLES: Clean and rinse vehicles and disinfect with 1 oz. per gallon of THIS PRODUCT. If desired, rinse after 10 minutes contact or leave unrinsed.

FOR DISINFECTING PRECLEANED SURFACES IN POULTRY HATCHERIES: Use 1 ounce of THIS PRODUCT per gallon of water to disinfect precleaned surfaces including hatchers, setters, trays, racks, egg flats, walls, floors, ceilings and other surfaces in the hatchery environment. It is also excellent for chick boxes, egg cases and trash containers.

Preclean the surface to be disinfected with THIS PRODUCT or another compatible BioSentry hatchery cleaner. Rinse and, if possible, let surfaces dry. Then, apply THIS PRODUCT at 1 ounce per gallon by immersion, by flowing solution over treated surfaces with a clean mop, cloth or through a foaming apparatus. Thoroughly wet surfaces. Surfaces should remain moist for 10 minutes for complete disinfection.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep THIS PRODUCT under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

PESTICIDE 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.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse, wrap container and put in trash.

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

CORROSIVE: Causes severe eye and skin damage. Do not get into eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling.

EPA REG NO. 65020-10

EPA EST. NO. 65020-GA-01

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THIS DISINFECTANT contains synthetic, biodegradable surfactants that reduce the surface tension of water, improving its wettability. Microbes are capable of mass reproduction in sub-visible pores, scratches and cracks of surfaces. The excellent wettability of THIS PRODUCT improves the penetration of the use solution into areas that otherwise might not be reached.

THIS DISINFECTANT kills a wide variety of gram-positive bacteria, viruses and pathogenic fungi. It is effective even in hard water up to 400 ppm (23 grains) of hardness. It is also an excellent deodorant and is especially effective in controlling odors that are bacterial in origin.

THIS DISINFECTANT mixes with water to form clear, stable use solutions. Use solutions are non-staining and non-corrosive to plastic, vinyl, synthetics, enamel, tile and most common metals.

When used at 1 oz/gal on hard, non-porous, inanimate surfaces with light to moderate soil loads, this disinfectant kills:

BACTERIA

- | | |
|------------------------------------|-----------------------------------|
| Pseudomonas aeruginosa PRD-10 | Salmonella seftenberg ATCC 8400 |
| Salmonella choleraesuis ATCC 10708 | Salmonella gallinarum ATCC 9184 |
| Staphylococcus aureus ATCC 6538 | Klebsiella pneumonia ATCC 4352 |
| Escherichia coli ATCC 11229 | Enterobacter aerogenes ATCC 13048 |
| Serratia marcescens ATCC 7319 | Pasteurella multocida ATCC 6529 |
| Proteus morganii ATCC 53548 | Streptococcus pyogenes ATCC 9342 |
| Shigella sonnei ATCC 9290 | Candida albicans ATCC 10259 |
| Salmonella pullorum | |

VIRUSES

- | | |
|-----------------------|---------------------|
| Herpes Simplex Type 2 | Influenza A Montana |
|-----------------------|---------------------|

FUNGUS

- | |
|---------------------------------------------------|
| Trichophyton interdigitale (athletes foot fungus) |
|---------------------------------------------------|

DIRECTIONS FOR USE

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

APPLICATION INFORMATION

Select the proper dilution of THIS PRODUCT for your use from the directions below. Apply the use solution with a clean mop, sponge, cloth, squeegee or mechanical scrubber.

Prepare fresh use solutions daily. Do not reuse solutions. Discard solutions when they become visibly soiled. Thoroughly wet all surfaces to be treated. THIS PRODUCT may be used for cleaning and disinfecting hard, non-porous, inanimate environmental surfaces (glass, metal, glazed

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porcelain, linoleum, tile, smooth leather, vinyl, enameled and finished wood surfaces) on walls, floors, appliances and furnishings.

For cleaning, use 1/4-4 oz./gal. of water depending on the soil load.

DISINFECTING: Animal Care and Research Facilities, Hospitals, Veterinary Clinics, Nursing Homes, Industrial areas, Office Buildings, Hotels, Barber shops, Restrooms, Locker Rooms, Gyms and Health Spas.

Use 1 oz. of THIS PRODUCT per gallon of water (1 part to 127 parts water) for one-step cleaning and disinfection of areas with light to medium soil loads. For heavily soiled areas, preclean prior to applying the disinfection solution. Solution should remain on surfaces for 10 minutes.

Food Processing Areas of Restaurants, Food and Meat Processing Plants, remove all food or carefully cover before application to prevent contamination. All surfaces in Federally inspected meat and poultry plants should be precleaned before disinfecting and rinsed well with potable water after disinfection.

SANITIZING : Cleaning and Sanitizing Non-Food Contact Surfaces: Use 1 oz. of THIS PRODUCT per 3 gallons of water for one-step cleaning and sanitizing. Allow solution contact for 5 minutes. Preclean heavily soiled surfaces before sanitizing.

GENERAL FARM DISINFECTANT USES: (1 oz. per gallon) (a) Remove all livestock and feeds from premises, trucks, coops or crates to be treated. (b) Remove all litter, bedding and manure from floors, walls and surfaces of facilities traversed or occupied by animals. (c) Empty all feeding devices and watering appliances. (d) Clean all surfaces with water or water and a compatible detergent. (e) Saturate all surfaces with THIS PRODUCT diluted at 1 oz. per gallon of water using a brush, cloth, mop or mechanical spraying device. Small items (forks, shovels, scrapers) may be immersed. Treated surfaces must remain moist for at least 10 minutes for proper germicidal action. (f) Ventilate buildings, trucks, coops and other closed spaces. Do not house livestock or use equipment until treatment has thoroughly dried. (g) Thoroughly scrub treated feeding and watering equipment with detergent and rinse with potable water before reuse.

VEAL, CALVING, HOG, CATTLE AND HORSE OPERATIONS:

Between depopulations of facilities, cleaning and disinfection of pens, hutches, aisles, ventilation equipment, utensils and other environmental surfaces may be required. Flush soils from these areas and clean and disinfect with 1 oz per gallon of THIS PRODUCT. Take care to avoid disinfectant use solution contact with animals, feed, feed equipment, water or watering devices. If spray contacts feeders, or waterers, scrub them and rinse well with potable water before they are reused.

BOOT BATH: Use 2 oz. per gallon in boot baths. Change solution daily and anytime it becomes visibly soiled. Use a nylon bristled brush to clean soils from boots.

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