

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. **Bull Dog Disinfectant** has been formulated to aid in the reduction of cross-contamination in these areas.

Bull Dog Disinfectant is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed.

Bull Dog Disinfectant is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, **Bull Dog Disinfectant** will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

Precautionary Statements

Hazards to Humans and domestic animals

DANGER

Keep out of reach of children. Corrosive. Causes 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 or absorbed through skin. 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, SPRAY MIXTURE OR RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES UNDER SUBTITLE C OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

CONTAINER DISPOSAL

TRIPLE RINSE (OR EQUIVALENT) THEN OFFER FOR RECYCLING OR RECONDITIONING, OR DISPOSE OF IN A SANITARY LANDFILL OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES

GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES

For Sale For Use And Storage By Maintenance Personnel Only

Bull Dog Disinfectant

Disinfectant-Cleaner-Sanitizer-Fungicide
Mildewstat-Virucide*-Deodorizer
for Hospitals, Institutional and Industrial Use

Effective in hard water up to 400 ppm hardness (calculated as CaCO₃) in the presence of 5% serum contamination

Active Ingredients

Octyl decyl dimethyl ammonium chloride	3.255%
Dioctyl dimethyl ammonium chloride	1.628%
Didecyl dimethyl ammonium chloride	1.628%
Alkyl (C ₁₁ , 50%; C ₁₂ , 40%; dimethyl benzyl ammonium chloride)	4.340%

Inert Ingredients

100.00%

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.

EPA Establishment No.

04823-NC-01

Net Contents

MANUFACTURED BY:

Maintenance Supply Service Corp.
P. O. Box 498
Huntersville, N. C. 28078

Directions for Use

GENERAL CLASSIFICATION

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

Bull Dog Disinfectant is a proven "one-step" disinfectant - cleaner - sanitizer - fungicide - mildewstat - virucide which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply **Bull Dog Disinfectant** to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Disinfection - To disinfect hard, non-porous surfaces, add 1 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of **Bull Dog Disinfectant** has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

- Pseudomonas aeruginosa
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Salmonella schottmuelleri
- Streptococcus faecalis
- Shigella dysenteriae
- Salmonella typhi
- Serratia marcescens

Fungicidal Control - **Bull Dog Disinfectant** is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc. at 1 oz./gallon.

Mold and Mildew Control - At 1 oz./gallon, **Bull Dog Disinfectant** will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Virucidal Performance - At 1 oz. per gallon use-level, **Bull Dog Disinfectant** was evaluated in the presence of 5% serum and 400 ppm hard water and found to be effective against the following viruses: Influenza A/Brazil, Herpes Simplex and Vaccinia on inanimate environmental surfaces.

Sanitizing Non-Food Contact Surfaces (such as floors, walls, tables, etc.) At 1 oz. per 5% gallon use-level, **Bull Dog Disinfectant** is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae on hard porous and non-porous environmental surfaces. Treated surface must remain wet for 60 seconds.

BEST DOCUMENT AVAILABLE

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (MH-567)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

23 SEP 1983

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGERISTRATION

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

NAME OF PESTICIDE PRODUCT

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

LABORATORY SERVICE CORP.
P.O. BOX 6
Huntersville, NC 28076

NOTE: Changes in labeling 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. All correspondence on this product always refer to the above U.S. EPA registration number.

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

A copy of the labeling accepted in connection with this Registration/Reregistration is set forth hereinafter.

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

This product is conditionally registered under 3(c)(7)(A) provided that you:

1. Submit to the Agency all data required for registration/reregistration of your product under FIFRA Sec. 3(d)(5) and the Agency requires all registrations of similar products to submit such data.

2. Make the labeling changes listed below before you market the product.

3. All labels must include EPA Registration No. 6423-12.

4. For the label to be effective, the Agency and the Administrator would require a 12 point type font and the signal word must be in 12 point type font.

5. The label must be printed in English.

6. The label must be printed in black ink on a white background.

Feb. 14, 1983

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

4. The confirmatory data submitted April 11, 1983 is acceptable and has been assigned the Accession Number 250809.

5. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

J. M. Lee
John M. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (2B-767C)

Enclosure