

Bio-Guard Y-59 is a heavy-duty disinfectant cleaner with superior cleaning efficiency. It has been formulated to aid in the reduction of cross-contamination in institutions, schools and hospitals. Bio-Guard Y-59 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will inhibit mold and mildew and their odors when used as directed. Bio-Guard Y-59 is an effective one-step sanitizer-cleaner for use on porous and non-porous non-food contact surfaces in waters up to 400 ppm hardness.

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 if swallowed. 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.

BEST DOCUMENT AVAILABLE

BIO-GUARD Y-59

**Heavy Duty
Disinfectant-Cleaner-Fungicide
Mildewstat-Virucide* Sanitizer-Deodorizer
with Organic Soil Tolerance
Plus Disinfectant Hard Water
(400 ppm Calculated As CaCO₃) Tolerance
For Non-Medical Use Areas**
Hospital-Institutional-Industrial and School Uses**

Active Ingredients

Octyl decyl dimethyl ammonium chloride	0.768%
Dioctyl dimethyl ammonium chloride	0.384%
Didecyl dimethyl ammonium chloride	0.384%
Alkyl (C ₁₂ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	1.024%
Inert Ingredients	97.440%
	100.000%

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. 5185-
EPA Establishment No. 5185-GA-1
Net Contents

Manufactured by:
Bio-Lab, Inc., Decatur, GA 30031-0
**For Sale For Use And Storage
By Maintenance Personnel Only**

ACCEPTED
with COMMENTS
in EPA Letter Dated:
5185-357
APR 25 1981

Directions for Use

GENERAL CLASSIFICATION

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

Y-59 is a proven one-step cleaner - disinfectant - sanitizer - fungicide - mildewstat - virucide in the presence of organic soil and 400 ppm hard water.

Apply Y-59 to walls, floors and other hard (inanimate) surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or mechanical spray surface must be sprayed until thoroughly wetted. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty. Treated surfaces must remain wet for ten minutes.

Disinfection - Non-Medical Use Areas - Schools, Institutions and Industries - At 2 oz per gallon use level. The activity of Y-59 has been evaluated in the presence of 5% serum by the AOAC Use-Dilution method and found to be effective against a broad spectrum of gram positive and gram negative organisms as represented by:

- Serratia marcescens
- Salmonella typhi
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes
- Proteus mirabilis
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Salmonella schottmuelleri
- Shigella dysenteriae
- Brevibacterium ammoniagenes

Non-Medical Use Areas** - At 3 oz per gallon use level prepared in water up to 400 ppm hardness. The activity has been evaluated in the presence of both 5% blood serum and 400 ppm hard water against the above referenced organisms.

For Hospitals and Nursing Homes, 3 oz per gallon use level. At this dilution Y-59 is effective against Pseudomonas aeruginosa as well as the broad spectrum organisms listed. The same AOAC tests used above were used to confirm suitable performance.

Virucidal Performance* At 2 oz per gallon use level, Y-59 was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A (Brazil) virus, Herpes Simplex and Vaccinia on inanimate environmental surfaces.

Fungicidal Performance - Y-59 is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used at 2 oz per gallon in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

Mildewstatic Performance. At 2 oz per gallon Y-59 will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated above). Allow to dry, on surface and repeat weekly or when mildew growth returns.

Sanitizing-Non-Food Contact Surfaces. At 1 oz per gallon use level 30 second contact time.

Y-59 is an effective sanitizer in waters of up to 400 ppm hardness against Staphylococcus aureus and Klebsiella pneumoniae for both porous and non-porous surfaces. For sanitizing non-food contact surfaces NO POTABLE WATER RINSE IS REQUIRED.

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAM REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	26 APR 1984
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code)	
<p>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. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement 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.</p>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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- d. The statement "FOR SALE FOR USE AND STORAGE BY MAINTENANCE PERSONNEL ONLY" must be at least the same type size as the "KEEP OUT OF REACH OF CHILDREN" statement (front panel).
3. The revised Confidential Statement of Formula dated April 6, 1984, is acceptable and has been placed in your file.
4. The confirmatory data submitted June 17, 1983, are acceptable and have been assigned the Accession Number 251909.
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.

James R. Banks
John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

RD:DIS:DCP-04924:J.Lee:cml:RAVEN:557-2226:RD-48:4/24/84:Del.5/6/84

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

EPA Form 1320-1 (12-70) OFFICIAL FILE COPY