

POULTRY PRODUCTION SANITATION PROGRAMS

# BIO-GUARD 120-140

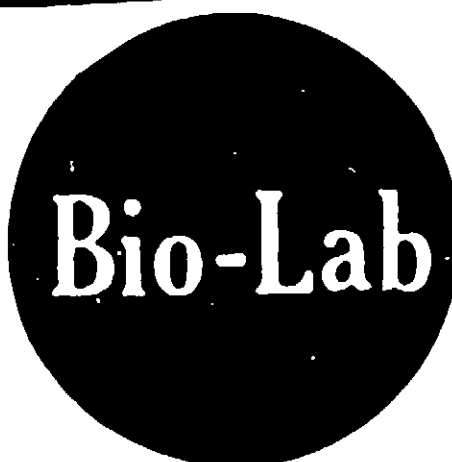
ACTIVE INGREDIENTS: Petroleum distillate 40.10%; 2,4-, 2,5-, 2,6-Xylenols 20.07%; 3,5-, 2,3-Xylenols 13.38%; m,p-Cresol 9.37%; Dialkyl (as in the fatty acids of soybean oil) dimethyl ammonium chloride 5.30%; 4 and 6-Chloro-2-phenylphenol 2.70%; Isopropanol 2.40%; o-benzyl-p-chlorophenol 1.80%; 3,4-Xylenol + m&p-isopropylphenol 1.78%; Pentachlorophenol 0.80%;

Total Active Ingredients 97.70%

INERT INGREDIENTS: Polyoxyethylene sorbitol oleate laurate; Water; Stearamidopropyl dimethyl-b-hydroxyethyl ammonium dihydrogen phosphate.

Total Inert Ingredients 2.30%

LEADERSHIP THROUGH RESEARCH AND INTEGRITY



Manufacturing Chemists  
Microbiologists

DECATUR, GEORGIA

U. S. GALLONS NET  
Manufactured  
exclusively by

U. S. GALLONS NET  
BIO-LAB, INC.  
Decatur, Ga.

**WARNING!**

KEEP OUT OF REACH OF CHILDREN  
See additional warnings on side panel

EPA Reg. No. 5185-32

ACCEPTED  
June 8 1977

## ANTIMICROBIAL EFFICACY CHART

### BACTERIA

Using the A.O.A.C. Use Dilution Method, BIO-GUARD 120-140 is bactericidal on inanimate surfaces against the following organisms, in all recommended dilutions:

<i>Alcaligenes faecalis</i>	<i>Salmonella choleraesuis</i>
<i>Arizona paracolon</i>	<i>Salmonella derby</i>
<i>Escherichia coli</i>	<i>Salmonella gallinarum</i>
<i>Escherichia coli</i> var. <i>communior</i>	<i>Salmonella infantis</i>
<i>Escherichia freundii</i>	<i>Salmonella newport</i>
<i>Paracolobactrum coliforme</i>	<i>Salmonella oranienburg</i>
<i>Pasteurella multocida</i>	<i>Salmonella pullorum</i>
<i>Proteus morganii</i>	<i>Salmonella senftenberg</i>
<i>Proteus vulgaris</i>	<i>Salmonella typhosa</i>
<i>Pseudomonas aeruginosa</i>	<i>Salmonella worthington</i>
<i>Pseudomonas fluorescens</i>	<i>Shigella dysenteriae</i>
<i>Salmonella anatum</i>	<i>Shigella sonnei</i>
<i>Salmonella blockley</i>	<i>Streptococcus pyogenes</i>
<i>Salmonella bradney</i>	<i>Vibrio cholerae</i>
<i>Salmonella californica</i>	

BIO-GUARD 120/140 is bacteriostatic on inanimate surfaces against all above listed bacteria and the following spore forming organisms:

<i>Bacillus cereus</i>	<i>Bacillus subtilis</i>
<i>Bacillus circulans</i>	

### FUNGI

BIO-GUARD 120/140 is fungicidal at 1:20 dilutions on inanimate surfaces against the following organisms known to be pathogenic to poultry:

<i>Actinomyces</i> sp.	<i>Aspergillus niger</i>
<i>Aspergillus fumigatus</i>	<i>Monilia albicans</i>
<i>Aspergillus glaucus</i>	<i>Trichophyton</i> sp.

BIO-GUARD 120/140 is fungicidal on inanimate surfaces to the following commonly occurring fungi, whose pathogenicity has not yet been established:

<i>Alternaria</i> sp.	<i>Nigrospora</i> sp.
<i>Cladosporium</i> sp.	<i>Pecilomyces</i> sp.
<i>Fusarium</i> sp.	<i>Rhizopus</i> sp.
<i>Mucor</i> sp.	

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As a disinfectant, BIO-GUARD 120-140 is effective against a broad range of both gram negative and gram positive bacteria as well as many fungi associated with poultry production. Refer to microbicidal chart.

**WARNING!** This compound contains cresylic acid. The user should be fully clothed, and exposed parts of the body such as the face, ears, neck, etc. should be lightly coated with mineral oil or vaseline. May be fatal if swallowed or absorbed through skin. May produce severe burns! Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. In case of contact, wash thoroughly with soap and water. If irritation persists, get medical attention. Avoid contact with food or food products. Wash thoroughly after handling. The clothing should also be laundered. Dispose of empty containers so that they are not accessible to children or animals. Flush any spillage into drains with water.

#### DIRECTIONS

Remove equipment from the poultry house. Using water under pressure, hose down all upper areas to remove cobwebs and dust accumulations. The litter will absorb this amount of water, and it should then be removed and the floor swept.

Dilute BIO-GUARD 120-140 1 gallon to 19 gallons for laying houses and 1 gallon to 29 gallons for broiler or brooder houses. For effective mold control, the 1 gallon to 19 gallon solution is required. Use kerosene, fuel oil or other petroleum distillate as the diluent.

Using the Bio-Wet Electric Sprayer, force spray the BIO-GUARD 120-140 solution into all cracks, crevices, seams, joists, overlappings, etc. up to window height. Apply to floor area in a WETTING SPRAY. Spray solution on nests, roosts, etc. but not on nesting material or feeding and drinking equipment. After spraying, the house should be ventilated for one week before placement.

**CAUTION:** After spraying BIO-GUARD 120-140 solutions rinse the sprayer with water, preferably with soap added. This will aid in preventing the oil from softening the rubber hose and affecting valves.

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