

EPA Reg. No. 518E-64

One U.S. Gallon Net

**ACTIVE INGREDIENTS:** Alkyl (C<sub>14</sub>, 58%; C<sub>16</sub>, 28%; C<sub>12</sub>, 14%) Dimethyl Benzyl ammonium chloride 17.50%; Alkyl (C<sub>14</sub>, 90%; C<sub>12</sub>, 5%; C<sub>16</sub>, 5%) Dimethyl dichlorobenzyl ammonium chloride 10.25%; Alkyl (C<sub>14</sub>, 90%; C<sub>12</sub>, 5%; C<sub>16</sub>, 5%) dimethyl ethyl ammonium bromide 2.25%; Sodium carbonate 1.00%; Sodium metasilicate, pentahydrate 1.00%; Ethylene diamine tetra-acetic acid, tetrasodium salt 0.40%.

**INERT INGREDIENTS:**

Total Active 22.40%

67.60%

Total Ingredients 100.00%

This product contains 0.5% sodium nitrite

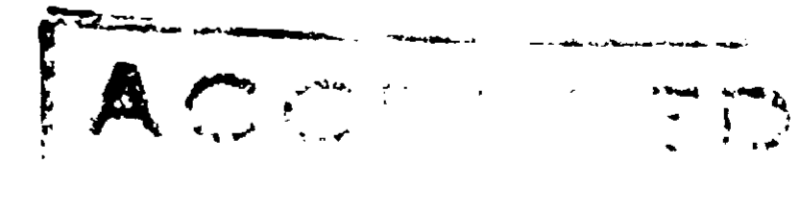
Manufactured Exclusively by

**BIO-LAB, INC.**  
Decatur, Georgia

**DANGER:**

**KEEP OUT OF REACH OF CHILDREN**

See other precautions and First Aid on side panel.



POULTRY PRODUCTION SANITATION PROGRAMS

# BIO-SHIELD RCL

LEADERSHIP THROUGH RESEARCH AND INTEGRITY

Bio-Lab



*Manufacturing Chemists  
Bacteriologists*

DECATUR GEORGIA

# DIRECTIONS FOR SANITIZING HATCHERY EQUIPMENT IN AUTOMATED SYSTEMS

**SANITIZING HATCHER TRAYS, RACKS, PLASTIC CHICK BOXES, CRATES, PLASTIC EGG FLATS, ETC.:** Add Bio-Shield RCL to disinfect tank at the rate of 3 ounces per 7 gallons of water (1 gallon RCL per 300 gallons of water). Add RCL to all make-up water at the same rate. Discard solution after third day's use or earlier if soiled.

**Note:** Test strip papers may be obtained from manufacturer for estimations of disinfectant concentrations in solutions during use. If solutions lose strength, they should be discarded and replaced or more RCL added.

## DANGER

**Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. In case of contact, wash thoroughly with water. If irritation persists, get medical attention. Wear Goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.**

**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.**

**Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.**

**Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.**

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## DIRECTIONS FOR HATCHING EGG PROCESSING

**For Final Sanitizing Treatment of Hatching Egg Shells.** After washing eggs, use 1 ounce per 3 gallons of water. Apply at 120-130°F as a soft spray to thoroughly wet the entire shell. Do not reuse drain-off solution. Do not use on eggs going to consumer markets.

**In Sanitizing or Antibiotic Egg Dip.** As sanitizing hatching egg dip, dilute RCL at rate of 3 ounces per 7 gallons of water at 120-130°F. Immerse for 2-3 minutes. When an antibiotic dip is desired, add required amounts of antibiotic to RCL solution, as described above and follow antibiotic manufacturer's recommendations for temperature and immersion time. RCL should be added to all subsequent make-up waters at 3 ounces per 7 gallons.

**DISINFECTING EGG PROCESSING EQUIPMENT:** RCL is a general disinfectant as a solution of 1 ounce per 3 gallons of water. At end of each day's use, clean the washer and egg processing equipment thoroughly. Then, completely cover all wettable surfaces with a spray application of RCL disinfecting solution. Rinsing of surfaces not coming in contact with food products is not required. Surfaces coming in contact with food must be rinsed with potable water before use.

**Note:** Test strip papers may be obtained from manufacturer for estimations of disinfectant concentrations in solutions during use. If solutions lose strength, they should be discarded and replaced or more RCL added.

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