BIO-GUARD DBC

COMMERCIAL EGG DETERGENT SANITIZER

LEADERSHIP THROUGH RESEARCH AND INTEGRITY

Bio-Lab

Manufacturing Chemists
Bacteriologists

ACCEPTED

OCT 26 1967

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 5785-43 SUBJECT TO ATTACHED COMMENTS.

CAUTION

KEEP OUT OF REACH OF CHILDREN

See side panel for additional precautions

BIO-LAB, INC., Decatur, Georgia

ACTIVE INGREDIENTS

Sodium Carbonate, [illegible]; Anhydrous sodium metasilicate, 29.6%; Potassium dichloro-s-triazinetrione 8.4%

TOTAL ACTIVE INGREDIENTS 65.0%

INERT INGREDIENTS

Sodium tripolyphosphate, Sodium gluconate, Sodium borate, Sodium bicarbonate, Monosodium phosphate and Sodium sesquicarbonate

TOTAL INERT INGREDIENTS 35.0%

Sanitation of commercial eggs is a relative status of reducing shell contamination [illegible]. A [illegible] phase system is recommended using [illegible] for the [illegible] cleaning of eggs and gross reduction of bacteria, then final sanitization with an after rinse of high germicidal property.

A final rinse may be accomplished using Bio-Shield BCL, a residual quaternary ammonium compound or, Bio-Shield CL-300, an organic chlorine compound, where residual activity is not desired.

In our opinion, the use of only a single phase detergent-sanitizer is a compromise method of commercial egg processing that will not afford the preferred level of bacteriological quality control.

DIRECTIONS

(1) Use one pound per 25 gallons of water as a stock solution for direct spray application to eggs prior to entering the wash cycle. Maintain a minimum of 10 ppm of chlorine in the effluent.

(2) Use one ounce per 3 gallons of water in the wash tank solution, which should be maintained at 100-120 F. Use a chlorine test kit to maintain a minimum of 50 ppm of chlorine in this solution.

(3) Use either Bio-Shield BCL or Bio-Shield CL-300 according to directions as a germicidal final spray.

For minimum sanitation levels, use one pound per 50 gallons of water for both direct spray and wash cycles. One must realize that this is a compromise program.

CAUTION: Harmful if swallowed. Avoid contact with skin and eyes. In case of contact flush with plenty of water. Avoid inhalation of dust.

U.S.D.A. REG. NO. 5185-63

ACTIVE INGREDIENTS

Sodium Carbonate, [illegible]; Anhydrous sodium metasilicate, 29.6%; [illegible] 8.4%

[illegible]

CAUTION: Harmful if swallowed. Avoid contact with skin and eyes. In case of contact flush with plenty of water. Avoid inhalation of dust.

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COMMERCIAL EGG

LEADERSHIP THROUGH

Bio-Lab

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KEEP OUT OF

See side panel f

BIO-LAB, INC

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Sanitation of commercial eggs is a relative status of reducing shell contamination for quality control purposes. A two phase system is recommended, using this product for the initial cleaning of eggs and gross reduction of bacteria, then final sanitization with an after rinse of high germicidal potency.

A final rinse may be accomplished using Bio-Shield RCL, a residual quaternary ammonium compound; or, Bio-Shield CL-300, an organic chlorine compound, where residual activity is not desired.

In our opinion, the use of only a single phase detergent-sanitizer is a compromise method of commercial egg processing that will not offer the preferred level of bacteriological quality control.

DIRECTIONS

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(2) Use one ounce per 3 gallons of water in the wash tank solution, which should be maintained at 100-130 F. Use a chlorine test kit to maintain a minimum of 50 ppms of chlorine in this solution.

(3) Use either Bio-Shield RCL or Bio-Shield CL-300 according to directions as a germicidal final spray.

For minimum sanitation levels, use one pound per 50 gallons of water for both direct spray and wash cycles. One must realize that this is a compromise program.

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LBS. NET WEIGHT