

FORMULATION HS210-37

farm disinfectant

For use on dairy farms, hog farms, poultry and turkey farms, federally inspected meat and poultry processing plants, and egg processing plants. Bactericidal in the presence of 5% organic serum according to the AOAC Use-Dilution Test against the following organisms at 1:700 dilution.

Pseudomonas aeruginosa
Staphylococcus aureus
Salmonella choleraesuis

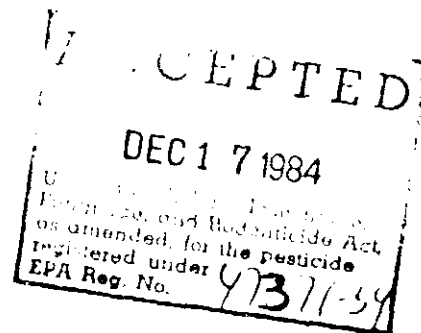
Effective as a sanitizer according to the AOAC Germicidal and Detergent Sanitizer Test in the presence of 1,000 ppm hard water (calculated as CaCO₃) against the following organisms at a dilution of 1:2500.

E. coli
Staphylococcus aureus

	Percent by Weight
FMB 210-15 Quat (50%)	74.00
Deionized water	26.00
OR	
FMB 210-8 Quat (80%)	46.25
Deionized water	55.75

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ACCEPTED

DEC 17 1984

EPA Reg. No. 47371-5H

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FORMULATION HS210-37

farm disinfectant

Bactericidal in the presence of 5% organic serum according to current AOAC Use-Dilution Tests. Effective as a sanitizer in the presence of 1,000 ppm water hardness according to AOAC Germicidal and Detergent Sanitizer Test.

For use on dairy farms, hog farms, poultry and turkey farms, federally inspected meat and poultry processing plants, and egg processing plants.

DISINFECTANT: 1:700 SANITIZER: 1:2500

DIRECTIONS FOR USE

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

FOR POULTRY AND SWINE HOUSE DISINFECTING

PRIOR TO DISINFECTING:

1. All animals, as well as feeds, must be removed from the premises. This includes emptying all troughs, racks, and other feeding and water appliances.
2. Remove all litter and droppings from floors, walls, and other surfaces occupied or traversed by animals.
3. Thoroughly clean all surfaces with detergent and rinse with water.

DISINFECTION PROCEDURES

1. Fill tank half way with water. Add required amount of Formulation HS 210-37 at 1/2 ounce per 19.5 gallons of water. Mix thoroughly. Fill tank with water.
2. Spray all surfaces above the floor with the Formulation HS 210-37 disinfectant solution. Follow standard pattern with overlapping sections so that all surfaces are wet, including rafters, beams, feed troughs, windows, ceiling, etc. Surfaces should be wet to point of run off.
3. Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
4. Ventilate buildings, coops, and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried.

All treated equipment that will be in contact with feed or drinking water must be rinsed with potable water before using.

SANITIZING DAIRY, MEAT AND POULTRY PROCESSING UTENSILS AND EQUIPMENT: For use as a sanitizer of hard non-porous surfaces

Sanitizers dilute 1 ounce of Formulation HS 210-37 per 19.5 gallons of water providing 150 ppm active quat. Prior to sanitizing, thoroughly clean all surfaces with detergent and rinse with water. Saturate or immerse with Formulation HS 210-37 solution for a contact time of 1 minute. Allow the surface to completely drain and air dry before use. A fresh solution should be prepared at least daily or more often if the solution becomes diluted or soiled.

For use as a sanitizer dilute 1 ounce of Formulation HS 210-37 per 19.5 gallons of water. Prior to sanitizing, thoroughly clean all surfaces with detergent and rinse with water. Saturate surface with Formulation HS 210-37 for a period of 1 minute.

DAIRY COWS: The udders, flanks, and teats of dairy cows can be washed with a solution of 1 ounce Formulation HS 210-37 in 19.5 gallons of warm water. Do not rinse. Use a clean towel for each cow. Avoid contamination of wash solution by dirt and soil. Do not dip used towel back into wash solution. When solution becomes visibly dirty, discard and provide fresh solution.

Before use in federally inspected meat and poultry processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not required following use of this compound on previously cleaned hard surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains.

SANITIZING SHELL EGGS INTENDED FOR FOOD

To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, scrub with a solution of 1 ounce of Formulation HS 210-37 in 19.5 gallons of warm water (150 ppm quat). The solution should be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product shall be subjected to a potable water rinse only if they are to be broken immediately for use in the manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be reused for sanitizing eggs.

ACTIVE INGREDIENT:

Didecyl Dimethyl Ammonium Chloride

37.5%

INERT INGREDIENTS

62.5%

Total

100.0%

DANGER: KEEP OUT OF REACH OF CHILDREN. ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS.

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. 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes severe eye and skin damage. Do not get in eyes or on skin. Wash contaminated clothing before reuse. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Harmful or fatal if swallowed. Avoid contamination of food.

PHYSICAL AND CHEMICAL HAZARDS

Formulation HS 210-37 is a cationic germicide. Do not mix with soap or anionic materials.

STORAGE AND DISPOSAL

This product must be kept under locked storage sufficient to make it inaccessible to children, or persons unfamiliar with its proper use. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL

Kerbicide 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.

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H&B CHEMICALS DIVISION
870 EAST TIPTON HUNTINGTON, IN 48750 219/356-8100