

PM31

11712-24

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 17 1989

Director, EPA
Washington, DC 20460
Attention: Registration

Attention: Registration

Registration

Subject: Sanitizer/Disinfectant Formula 10
EPA Registration No. 11712-24
Your Submission Date: January 15, 1988
EPA Received Date: January 15, 1988

The amendment referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling.

1. Replace the "Directions for Use" heading on the upper left label.
2. Delete the statement "Only for Sale To, Use, and Storage by Service Persons."
3. Revise the referral statement to read:

See side panel for additional precautionary statements.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of the Federal Insecticide, Fungicide, and Rodenticide Act. Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

50298: I:DeLaney:LL-07:KENCO:03/29/89:05/09/89:aw:vo:sg:rw

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Pr. 31

11712-24

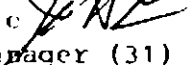
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A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,


John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7504C)

Enclosure

Directions for Use

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

~~THIS~~ solution has been designed specifically for use in food processing plants, dairies, restaurants, bars, and other institutions where disinfection and sanitization is of prime importance.

DISINFECTANT-To disinfect previously cleaned hard non-porous surfaces (such as walls, floors, table tops), apply ~~product~~ solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes.

DILUTION RATES- General Disinfection - add 3 ounces per 5 gallons of water. Hospital Disinfection - add 3.5 ounces per 5 gallons of water.

For disinfection of previously cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 1/4 ounces ~~product~~ per gallon of water for 10 minutes.

For disinfection, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

DEODORIZER- To deodorize, apply ~~product~~ solution as indicated under the heading "General Disinfection" above.

MILDEWSTAT- To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops), add 3 ounces ~~product~~ solution per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

SANITIZATION Recommended for use in restaurants, dairies, food processing plants, bars, etc. Remove all gross food particles and soil from areas which are to be sanitized with a good detergent or pre-rinse, pre-soak or pre-scrape treatment. Rinse with a potable water spray.

To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200ppm active quaternary solution of 3.5 ounces ~~product~~ to 5 gallons of water, or 2 1/2 ounces to 10 gallons or 8 ounces to 20 gallons of water.

To sanitize heavily soiled areas, such as floors, concrete, masonry walls, tiled the area with 200ppm ~~product~~ solution for at least 10 minutes. Rinse thoroughly with clean water. Rinse and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

To sanitize mobile items such as drinking glasses, eating utensils, prepare a 200ppm ~~product~~ solution for at least 10 seconds making sure to submerge completely. Rinse and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

For sanitization of shell-grade eggs, see attached brochure.

PRECAUTIONARY STATEMENTS

Hazard to Human and Domestic Animals
DANGER

Keep Out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, on clothing, or on skin. Wash immediately. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink mild egg white or milk. Do not induce vomiting unless directed by a physician. Call a physician.

NOTE TO PHYSICIAN

Exposure to this chemical may irritate and cause use of gastric lavage. Treat with 1% sodium bicarbonate solution. Do not use activated charcoal and do not induce vomiting.

SANITIZER DISINFECTANT FORMULA 200

~~DISINFECTANT SOLUTION~~

DISINFECTANT
DEODORIZER

SANITIZER
VIRUCIDE*

ACTIVE INGREDIENTS:

n-Alkyl (80% C ₁₂ , 20% C ₁₄ , 5% C ₁₂ , 5% C ₁₄)	5.0%
dimethyl benzyl ammonium chlorides	5.0%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides	5.0%
INERT INGREDIENTS:	90.0%
TOTAL	100.0%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

April 17, 1973

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 11712-24

EPA REG. NO. 11712-24
EPA EST. No. 4430-85
EPA EST No. 11712-6A-01

ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary and practical treatment statements

Manufactured by:

KOR-CHEM, INC.
5800 Bucknell Drive
Atlanta, Georgia 30336
(404) 344-9580

NET CONTENTS -
LOT NUMBER -

BEST AVAILABLE COPY

ACTIVES: disinfection and deodorizing in food processing plants, dairies, restaurants, bars, and other institutions where disinfection and sanitization is of prime importance. **DISINFECTANT** - To disinfect previously cleaned hard non-porous surfaces (such as walls, floors, table tops), apply ~~product~~ solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes. **DILUTION RATES** - General Disinfection - add 3 ounces per 5 gallons of water. Hospital Disinfection - add 3.5 ounces per 5 gallons of water. **DISINFECTANT SOLUTION** - To disinfect previously cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 1/4 ounces ~~product~~ per gallon of water for 10 minutes. **DEODORIZER** - To deodorize, apply ~~product~~ solution as indicated under the heading "General Disinfection" above. **MILDEWSTAT** - To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops), add 3 ounces ~~product~~ solution per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears. **SANITIZATION** Recommended for use in restaurants, dairies, food processing plants, bars, etc. Remove all gross food particles and soil from areas which are to be sanitized with a good detergent or pre-rinse, pre-soak or pre-scrape treatment. Rinse with a potable water spray. To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200ppm active quaternary solution of 3.5 ounces ~~product~~ to 5 gallons of water, or 2 1/2 ounces to 10 gallons or 8 ounces to 20 gallons of water. To sanitize heavily soiled areas, such as floors, concrete, masonry walls, tiled the area with 200ppm ~~product~~ solution for at least 10 minutes. Rinse thoroughly with clean water. Rinse and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent. To sanitize mobile items such as drinking glasses, eating utensils, prepare a 200ppm ~~product~~ solution for at least 10 seconds making sure to submerge completely. Rinse and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent. **FOR SANITIZATION OF SHELL-GRADE EGGS**, see attached brochure.

DISINFECTANT - To disinfect previously cleaned hard non-porous surfaces (such as walls, floors, table tops), apply ~~product~~ solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes. **DILUTION RATES** - General Disinfection - add 3 ounces per 5 gallons of water. Hospital Disinfection - add 3.5 ounces per 5 gallons of water. **DISINFECTANT SOLUTION** - To disinfect previously cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 1/4 ounces ~~product~~ per gallon of water for 10 minutes. **DEODORIZER** - To deodorize, apply ~~product~~ solution as indicated under the heading "General Disinfection" above. **MILDEWSTAT** - To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops), add 3 ounces ~~product~~ solution per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears. **SANITIZATION** Recommended for use in restaurants, dairies, food processing plants, bars, etc. Remove all gross food particles and soil from areas which are to be sanitized with a good detergent or pre-rinse, pre-soak or pre-scrape treatment. Rinse with a potable water spray. To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200ppm active quaternary solution of 3.5 ounces ~~product~~ to 5 gallons of water, or 2 1/2 ounces to 10 gallons or 8 ounces to 20 gallons of water. To sanitize heavily soiled areas, such as floors, concrete, masonry walls, tiled the area with 200ppm ~~product~~ solution for at least 10 minutes. Rinse thoroughly with clean water. Rinse and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent. To sanitize mobile items such as drinking glasses, eating utensils, prepare a 200ppm ~~product~~ solution for at least 10 seconds making sure to submerge completely. Rinse and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent. **FOR SANITIZATION OF SHELL-GRADE EGGS**, see attached brochure.

VIRUCIDAL ACTIVITY - Environmental, inanimate surfaces, and water (effective against the flu virus, Herpes, and mononucleosis). **EFFICACY TESTS** - **DISINFECTANT** is an effective disinfectant against the presence of **DEODORIZATION** - **DISINFECTANT** generally are hard to store. Areas, empty (other areas which are) **MOLD & MILDEWSTAT** - mold and mildew on hard non-porous surfaces. **SANITIZATION** - When cleaned food equipment, quaternaries to 200ppm **RINSE** is required. **THE PRODUCT** is an effective disinfectant at 200ppm in potable water. Rinse.

DO NOT CONTAMINATE ANY DISPOSAL. **STORAGE** - Store in a dry or higher than 120 F. **CONTAINER DISPOSAL** - Rinse empty container with plenty of water or plenty of other procedures as by other procedures. **PESTICIDE DISPOSAL** - Improper disposal of this violation of Federal Law. **NET CONTENTS** - **LOT NUMBER** -

Disinfection of Poultry Equipment, Animal Quarters and Kennels.

Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 3.5 oz. to 5 gallons of water. Small utensils should be immersed in this solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, coops, and other closed spaces. Do not house poultry, or other animals or employ equipment until treatment has been absorbed, set or dried.

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

ACCEPTED
WITH COMMENTS
in EPA Letter Dated:

APR 17 1961

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.

11712-24

Additional claims for sanitization of shell-grade eggs for products identical to ~~HTC 21250-101 Solution~~, EPA Reg. No. ~~11712-24~~: 11712-24
SANITIZER DISINFECTANT FORMULA #200

SANITIZING SHELL EGGS INTENDED FOR FOOD

To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of 1 ounce(s) of this product in 4 gallons of warm water (200 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 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 17 1989

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.

11712-24