

875-109

5/25/2004

Page 186

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 25 2004

Lisa Amadio
JohnsonDiversey, Inc.
8310 16th Street
Sturtevant, WI 53177-0902

Subject: Quat 256
EPA Registration No. 875-109
Amendment Date: March 3, 2004
EPA Receipt Date: March 5, 2004

Dear Ms. Amadio,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions listed below.

- Adding heavy duty sanitization and continuous meat, fruit, & vegetable conveyor directions

Conditions

Revise the label as follows:

1. The Food-Contact Sanitizing directions must be revised by deleting the statements "rinse with clean water and wash with recommended product." The appropriate statement as outlined in DIS/TSS 17 is "*thoroughly wash surfaces or objects with a good detergent or compatible cleaner, followed by a potable water rinse prior to application of the sanitizing solution.*"
2. Under the "Precautionary Statements," revise the 3rd statement to read "Causes irreversible and skin burns." Also, add "protective clothing" to the 5th statement.
3. Since this product is packaged in containers 1 gallon or less, you need to add the following "Storage and Disposal" instructions:

Storage and Disposal: Store in dry place no lower in temperature than 50oF or higher than 120oF. Do not reuse empty container. Discard in trash.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

286

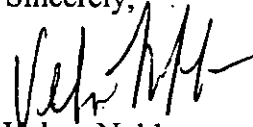
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble

Product Manager (31)

Regulatory Management Branch I

Antimicrobials Division (7510C)

Enclosure: Stamped Label

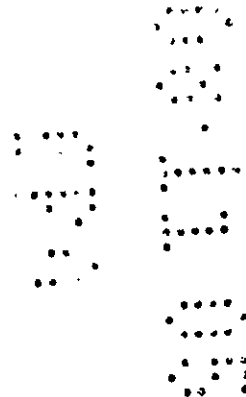
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(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

3 8 6

JohnsonDiversey



Quat-256

Sanitizer • Deodorizer • Fungicide • Mildewstat

For (Use in) (Food Processing Plants), (Institutional) (Commercial) (and) (Industry) Use (Only)

ACTIVE INGREDIENTS:

n-Alkyl (60%C ₁₄ , 30%C ₁₆ , 5%C ₁₂ , 5%C ₁₈) dimethyl benzyl ammonium chloride	6.25%
n-Alkyl (68%C ₁₂ , 32%C ₁₄) dimethyl ethylbenzyl ammonium chloride	6.25%

OTHER INGREDIENTS: 87.50%

TOTAL: 100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 -20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IN CASE OF EMERGENCY, CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT
ADVICE.**

1-800-851-7145

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

See additional precautionary statements on (back) (side) (left) (right) (panel) (of) (label) (below).

Net Contents:

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 25 2004

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

875-109

(Product of USA)

Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.

QUAT-256 is a phosphate free concentrated detergent/sanitizer which provides effective cleaning, deodorizing and sanitization.

QUAT-256 has been designed specifically for schools, food processing plants and other institutions where housekeeping is of prime importance to controlling the hazard of cross contamination.

In addition, QUAT-256 deodorizes areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

DIRECTIONS FOR USE

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

SANITIZATION - To sanitize previously cleaned and rinsed non-porous surfaces, prepare a Use-Solution by adding 1 fl. oz. of product to 4.9 gallons of water to make a 200 ppm active quaternary solution. QUAT-256 is an effective sanitizer when diluted in water up to 600 ppm hardness (CaCO_3).

Glasses-Dishes-Utensils

1. Scrape and pre-flush articles to be washed.
2. Wash in clean water using recommended product.
3. Rinse in clean running water.
4. Sanitize using Use-Solution (1 fl. oz. (2 tbs)) of product per 4.9 gallons of water (200 ppm active agent)). Immerse all items for at least 1 minute or for contact time specified by governing sanitary code. Test periodically with quaternary test kit. When solution depreciates below 200 ppm or becomes visibly dirty, discard.
5. Air dry; protect from dust and dirt.

Dairy-Beverage-Food Processing Equipment

1. Clean equipment immediately after use. Rinse with clean water. Wash with recommended product. Rinse with clean water. Air dry; protect from dust and dirt.
2. Sanitize immediately before reuse with Use-Solution (1 fl. oz. (2 tbs.)) of product per 4.9 gallons of water (200 ppm active agent)). Test periodically with quaternary test kit. When solution depreciates below 200 ppm, or becomes visibly dirty, discard.

To sanitize immobile items (tanks, chopping blocks, and counter tops), flood area with Use-Solution (200 ppm quat) or apply Use-Solution with a cloth or sponge or coarse spray or foam, completely wetting all surfaces for at least 1 minute. Remove gross soil and clean surface with a recommended cleaner. Rinse with potable water. Remove liquid and allow to air dry.

Prepare a fresh solution for each use. When used for sanitization of previously cleaned food equipment or food contact items, limit active quaternaries to 200 ppm. At this level NO POTABLE WATER RINSE is required.

HEAVY DUTY SANITIZATION - For periodic heavy duty sanitization, use this product at concentrations of 400 - 1,000 ppm quaternary active (2 -5 fl. oz. of product per 4.9 gallons of water). Apply to completely wet surfaces for at least 1 minute. Rinse surfaces with potable water.

Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.

SHELL EGG SANITIZING (Food Grade Only) - Only clean, whole eggs can be used for sanitizing. Dirty, cracked, or punctured eggs cannot be sanitized. To sanitize previously cleaned shell eggs, apply a coarse spray of a solution of 1 fl. oz. of product per 4.9 gallons of water providing 200 ppm of quaternary active. The sanitizer solution must be equal to or warmer than the eggs (100 - 120°F), but not to exceed 130°F. Spray eggs until thoroughly wet and allow to drain. Eggs sanitized with this product shall be subjected to a thorough potable water rinse only if they are to be immediately broken for use in the manufacture of egg products. Eggs must be reasonably dry before packaging or breaking. Do not reuse solution for egg sanitizing. Do not mix with soap or anionic detergents.

FOR CONTINUOUS TREATMENT OF MEAT, POULTRY OR FRUIT AND VEGETABLE CONVEYORS -

1. Remove gross food particles and excess soils by pre-flushing or pre-scraping.
2. Wash with detergent or compatible cleaner and rinse equipment thoroughly with potable water, then rinse with sanitizing Use-Solution.
3. To sanitize the belt, apply this product at 150 - 200 ppm active quaternary (0.75 - 1.0 fl. oz. of product per 4.9 gallons of water) to conveyors with suitable application equipment. Do not allow this solution to be sprayed directly on food. Conveyors should be free of food product during application of the Use-Solution.
4. Apply the sanitizer solution to the return portion of the conveyor or to the equipment using a coarse sprayer or foamer. Wet surfaces thoroughly. Treat for at least one (1) minute. Control the volume of the solution to permit maximum drainage and to prevent puddles. The conveyor may still be damp when operation of equipment resumes.
5. To sanitize wet peelers, collators, slicers and saws during interruptions in operations, use a coarse spray or foam of the Use-Solution (150 - 200 ppm active quaternary (0.75-1.0 fl. oz. of product per 4.9 gallon of water)). Wet surfaces thoroughly. Treat for at least one (1) minute. Allow to drain before returning to operation. Conveyors should be free of food product during application of this Use-Solution.

CLEANING AND DEODORIZING - Add the product at ½ oz. per gallon of water. Apply solution with mop, cloth or coarse trigger foam/sprayer to wet thoroughly. Wipe or allow to air dry.

TO DISINFECT TOILET BOWLS - Flush. Add 1/2 oz. of product directly to bowl water. Swab bowl completely (including under rim) using a brush or toilet mop. Let stand 10 min. Flush. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

MILDEWSTAT - To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops) add 1/2 oz. of product per gallon of water. Apply solution with a cloth, mop, sponge or foam, making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat weekly or when mildew growth reappears.

FUNGICIDAL- At ½ oz. per gallon use dilution, this product is also fungicidal in the presence of 5% blood serum against the pathogenic fungi *Trichophyton mentagrophytes* (the athlete's foot fungus), when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. To prepare Use-Solution, dilute ½ oz. of product per gallon of water. Apply Use-Solution with mop, cloth, sponge, coarse mist or trigger sprayer to wet surfaces thoroughly. For spray applications, spray 6-8 inches from surface, rub with brush, sponge or cloth. Treated surfaces must remain wet for 10 minutes. Wipe or allow to air dry.

676

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.

PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50°F or higher than 120° F.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of all excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ENVIRONMENTAL HAZARDS (for containers 5 gallons and larger)

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes severe eye and skin damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear chemical splash-proof goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PELIGRO

Si no puede leer en ingles, pregunte a su supervisor sobre las instrucciones de uso apropiadas antes de trabajar con este producto.

EPA Reg. No. 875-109

EPA Est. No.

Waverly, Cincinnati, OH 45241