

875-109

05/27/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Kresti A. Lyddon
Sr. Registration Specialist
JohnsonDiversery, Inc.
8310 16th Street, MS 707
Sturtevant, WI 53177-1964

MAY 27 2010

Subject: Quat 256
EPA Registration No. 875-109
Amendment Dated: March 04, 2010
EPA Received Date: March 05, 2010

Dear Kresti A. Lyddon

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable.

Proposed Amendment

- Revised Storage and Disposal

General Comments

A stamped copy of the accepted labels are enclosed for your records. Submit (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Submit revised labeling for review by the agency. Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,

Velma Noble
ProductManager (31)
Regulatory ManagementBranch1

CONCURRENCES Microbial Division (7510P)

SYMBOL							
SURNAME							
DATE							

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

Marked Copy

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-XXX-XXX-XXXX

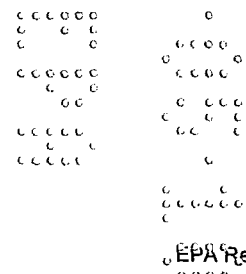
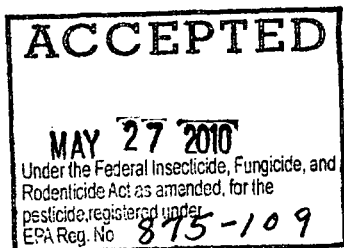
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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:

(Product of XXXXXXX)



(Note to Agency: Text appearing in parenthesis 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.

(Note to reviewer: We will choose one or more of these statements depending on available space on the product label.)

*Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by Influenza A virus. (This product or product name) is a broad-spectrum hard surface disinfectant that has been shown to be effective against Influenza Type A₂ (Hong Kong), (VR-544), and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).

*This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.

*This product has demonstrated effectiveness against Influenza Type A₂ (Hong Kong), (VR-544), and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).

*Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu).

*Kills Pandemic 2009 H1N1 Influenza A virus.

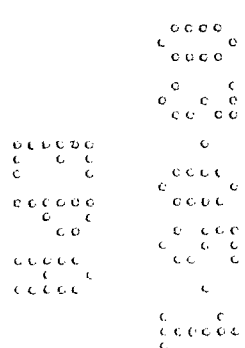
DIRECTIONS FOR USE

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 (CaCO₃).

Glasses-Dishes-Utensils

1. Scrape and pre-flush articles to be washed.
2. Thoroughly wash surfaces or objects with a good detergent or compatible cleaner.
3. Followed by a potable water rinse prior to application of the sanitizing solution.
4. Sanitize using Use-Solution (1 fl. oz. (2 tbsp)) 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.



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

Dairy-Beverage-Food Processing Equipment

1. Clean equipment immediately after use. Rinse with clean water. 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. Air dry; protect from dust and dirt.
2. Sanitize immediately before reuse with Use-Solution (1 fl. oz. (2 tbsp.)) 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), remove gross soil and 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. 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 liquid and allow to air dry.

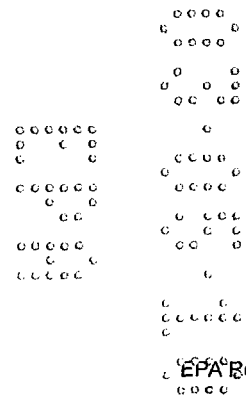
Prepare a fresh solution for each use. When used for sanitization of previously cleaned food equipment or food contact items, limit active quaternaries to 200 ppm. At this level NO POTABLE WATER RINSE is required.

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). Pre-clean hard non-porous surfaces prior to sanitization. Apply heavy duty sanitizing solution to completely wet surfaces for at least 1 minute. Rinse surfaces with potable water.

After potable water rinse, sanitize surfaces with a Use-Solution (1 fl. oz. (2 tbsp)) of product per 4.9 gallons of water (200 ppm active agent)). Allow surfaces to remain wet 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. Air dry; protect from dust and dirt.

(Prepare a fresh solution for each use. When used for sanitation of previously cleaned food equipment or food contact items, limit active quaternaries to 200 ppm. At this level, no potable water rinse is required.)

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.



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

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 200 ppm active quaternary (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 (200 ppm active quaternary (1.0 fl. oz. of product per 4.9 gallons 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 1/2 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 1/2 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 1/2 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.

STORAGE AND DISPOSAL

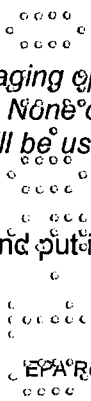
PESTICIDE STORAGE: Store in a dry place no lower in temperature that 50°F or higher than 120° F.

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: (Note to Reviewer: We will select one of the following paragraphs, depending on the container type used to package the product for sale.)

NONREFILLABLE SEALED CONTAINERS: *Note to reviewer: Several of our packaging options are sealed containers or bottles designed to reduce worker exposure to the concentrate. None of these can be triple rinsed because they are closed sealed containers. The following text will be used on these sealed container types:*

Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.



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

NONREFILLABLE NON-RIGID CONTAINERS: *Note to reviewer: Several of our packaging options are Bag-in-Box containers (a plastic bag liner supported inside a box) or are flexible bag-type containers. These flexible containers are exempt from the triple rinsing requirements. The following text will be used on these container types:*

Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.

NONREFILLABLE READY-TO-USE FORMULATIONS: *Note to reviewer: The following text will be used on nonrefillable RTU container labels:*

Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.

SMALL NONREFILLABLE CONTAINERS: *Note to reviewer: The following text will be used on rigid, nonrefillable containers small enough to shake (5 gallons or smaller):*

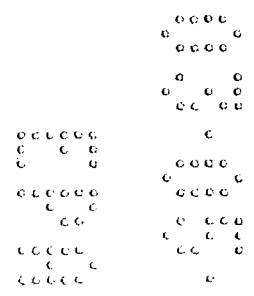
Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

LARGE NONREFILLABLE CONTAINERS: *Note to reviewer: One of the following paragraphs will be used on labels for rigid, nonrefillable containers too large to shake (larger than 5 gallons):*

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for at least 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for reconditioning, if appropriate.

OR

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for reconditioning, if appropriate.



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

REFILLABLE CONTAINERS: *Note to reviewer: One of the following paragraphs will be used on labels for refillable containers:*

Refillable container. Refill this container with (this brand or brand name pesticide) only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

OR

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container prior to final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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

EPA Reg. No. 875-109
EPA Est. No.
(Lot code letters indicate manufacturing location)
(MSDS Ref. No. xxxxxxxxxx)

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