

875-109

11-5-2007

UNIT STATES ENVIRONMENTAL PROTECTION AGENCY

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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

NOV 5 2007

Ms. Kresti Lyddon  
JohnsonDiversey, Inc  
8310 16<sup>th</sup> Street, MS 486  
Sturtevant, WI 53177-0902

Subject: Quat 256  
EPA Registration No.: 875-109  
Notification Date: October 24, 2007  
EPA Receipt Date: November 6, 2007

Dear Ms. Lyddon,

This letter acknowledges receipt of your notification submitted under the provisions of FIFRA section 3(c)9 and PR Notice 98-10.

- Addition of NSF Logo

**General Comments**

Based on a review of the submitted materials, this notification is acceptable and apart of the records on file.

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

Sincerely,

Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

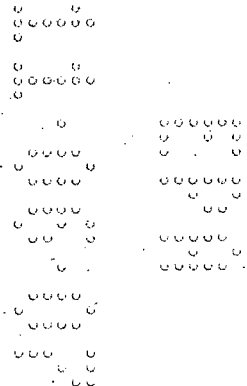
**CONCURRENCES**

SYMBOL	SURNAME	DATE					

This Notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.

Krest A. Lyddon  
Senior Registration Specialist

October 24, 2007



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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060 Approval Expires 5-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 875-109	2. EPA Product Manager Velma Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Quat 256	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) JohnsonDiversey, Inc. 8310 16 <sup>th</sup> Street, MS 486 Sturtevant, WI 53177-0902 <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3 (c) (3) (b) (i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional Page(s) if necessary. (For section I and Section II)

Notification to add NSF logo to label.

Contact information: kresti.Lyddon@johnsondiversev.com or Kresti A. Lyddon, fax: 262-631-4036

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* <b>Certification must be submitted</b>	If "Yes" Unit Packaging wgt.      No. per Container	If "Yes" Unit Package wgt.      No. Per Container		<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 23 & 64 oz., 2.5 L, 1, 5 & 55 gal 330 gal & bulk totes	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product			
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input checked="" type="checkbox"/> Other <u>silk screened</u>					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)

Name Kresti A. Lyddon	Title Senior Registration Specialist	Telephone No. (Include Area Code) 262.631-4830
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**Certification**

I certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title Senior Registration Specialist	6. Date Application Received (Stamped)
4. Typed Name Kresti A. Lyddon	5. Date October 24, 2007	

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

# JohnsonDiversey



NOTIFICATION  
Date Reviewed: 11/26/07  
Reviewed By: *[Signature]*

## Quat-256

Sanitizer • Deodorizer • Fungicide • Mildewstat

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

<b>ACTIVE INGREDIENTS:</b>	
n-Alkyl (60%C <sub>14</sub> , 30%C <sub>16</sub> , 5%C <sub>12</sub> , 5%C <sub>18</sub> ) dimethyl benzyl ammonium chloride .....	6.25%
n-Alkyl (68%C <sub>12</sub> , 32%C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chloride .....	6.25%
<b>OTHER INGREDIENTS:</b> .....	87.50%
<b>TOTAL:</b> .....	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.

<p><b>IN CASE OF EMERGENCY, CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.</b>  1-800-851-7145  Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>
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**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 USA)

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 ( $\text{CaCO}_3$ ).

#### **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.

#### **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.

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

**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.

**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 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.

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

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(For containers 1 gallon or less)

**STORAGE AND DISPOSAL**

Store in dry place no lower in temperature that 50°F or higher than 120°F. Do not reuse empty container. Discard in trash.

(For containers greater than 1 gallon.)

**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 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:** 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 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.

**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.

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