



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
Amendment  
Other

OPP Identifier Number  
215216

### Application for Pesticide - Section I

1. Company/Product Number 1839-86-64864	2. EPA Product Manager PM#	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Duo-Quat N.R.		
5. Name and Address of Applicant (Include ZIP Code) Pace International L.P. P.O. Box 558 Kirkland, WA 98033 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 1839-86-64864 Product Name Duo-Quat N.R.	

### 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.)

In accordance with PR Notice 93-10.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> _____	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Connie Steimle	Title Regulatory Analyst	Telephone No. (Include Area Code) (206) 821-8711
Certification I certify that the statements I have made on this form and all attachments thereto 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.		6. Date Application Received (Stamped)
2. Signature Connie Steimle	3. Title Regulatory Analyst	
4. Typed Name Connie Steimle	5. Date 9/28/95	

## DIRECTIONS FOR USE

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

Application	Dilution rates to make Duo-Quat N.R. Use-Solution
Disinfection:	Add 3 oz. Duo-Quat N.R. per 5 gal water (470 ppm)
Sanitization:	Add 1 oz. Duo-Quat N.R. per 4 gal water (200 ppm)
Mold & Mildewstat:	Add 3 oz. Duo-Quat N.R. per 1 gal water (2345 ppm)

### GENERAL DISINFECTION & DEODORIZATION -

For disinfection and deodorization of precleaned, inanimate, hard surfaces:

- Apply use-solution of 3 oz DUO-QUAT N.R. per 5 gal water with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly.
- Allow to remain wet for 10 minutes, then remove excess liquid.
- Prepare a fresh use-solution for each treatment.
- For disinfection, a pre-cleaning step is required.

**SANITIZATION** - For sanitization of precleaned and potable water-rinsed, nonporous, food contact surfaces:

- Remove all gross food particles and soil from areas which are to be sanitized with a good detergent, pre-flush, presoak or pre-scrape treatment. Rinse with a potable water rinse.
- Prepare a 200 ppm active quaternary use-solution; 1 oz DUO-QUAT N.R. per 4 gal water.
- Flood area with use-solution for at least 60 seconds making sure to wet all surfaces completely.
- Remove, drain the use-solution from the surface and air dry.
- No potable water rinse is required.
- Prepare a fresh use-solution for each treatment.

**MOLD & MILDEWSTAT** - For control of mold and mildew on precleaned, hard, nonporous surfaces:

- Apply use-solution of 3 oz DUO-QUAT N.R. per gal water with a cloth, mop, or sponge, making sure to wet all surfaces completely.
- Let air dry.
- Prepare a fresh use-solution for each treatment.

• Repeat application at weekly intervals or when mold or mildew growth appears.

# DUO-QUAT N.R.

## DISINFECTANT, SANITIZER DEODORIZER

### ACTIVE INGREDIENTS:

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 chlorides ..... 5

n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)

dimethyl ethylbenzyl ammonium chlorides ..... 5

**INERT INGREDIENTS:** ..... 90

**TOTAL** ..... 100

EPA REG. NO. 1839-86-64864

EPA EST. NO. 64864-WA-1

## KEEP OUT OF REACH OF CHILDREN DANGER

### STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink egg whites or gelatin solution, or if the patient is conscious and able to swallow, drink large quantities of water. Call a physician immediately.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

See side panel for additional precautionary statements.

**NET CONTENTS: 55 Gallons**

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

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

In accordance with PR Notice 93-10

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Connie Steimle		Title Regulatory Analyst	
		Telephone No. (Include Area Code) (266) 827-8711	
2. Signature Connie Steimle		3. Title Regulatory Analyst	
4. Typed Name Connie Steimle		5. Date 9/28/95	
Certification I certify that the statements I have made on this form and all attachments thereto 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.		6. Data Application Received (Stamped)	

## DIRECTIONS FOR USE

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

Application	Dilution rates to make Sanit-Ease L Use-Solution
Disinfection:	Add 3 oz. Sanit-Ease L per 5 gal water (470 ppm)
Sanitization:	Add 1 oz. Sanit-Ease L per 4 gal water (200 ppm)
Mold & Mildewstat:	Add 3 oz. Sanit-Ease L per 1 gal water (2345 ppm)

**GENERAL DISINFECTION & DEODORIZATION** - For disinfection and deodorization of pre-cleaned, inanimate, hard surfaces:

- Apply use-solution of 3 oz. SANIT EASE-L per 5 gal water with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly.
- Allow to remain wet for 10 minutes, then remove excess liquid.
- Prepare a fresh use-solution for each treatment.
- For disinfection, a pre-cleaning step is required.

**SANITIZATION** - For sanitization of pre-cleaned and potable water-rinsed, non-porous, food contact surfaces:

- Remove all gross food particles and soil from areas which are to be sanitized with a good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with a potable water rinse.
- Prepare a 200 ppm active quaternary use-solution; 1 oz. SANIT EASE-L per 4 gal water.
- Flood area with use-solution for at least 60 sec. making sure to wet all surfaces completely.
- Remove, drain the use-solution from the surface and air dry.
- No potable water rinse is required.
- Prepare a fresh use-solution for each treatment.

**MOLD & MILDEWSTAT** - For control of mold and mildew on pre-cleaned, hard, non-porous surfaces:

- Apply use-solution of 3 oz. SANIT EASE-L per gal water with a cloth, mop, or sponge, making sure to wet all surfaces completely.
- Let air dry.
- Prepare a fresh use-solution for each treatment.
- Repeat application at weekly intervals or when mildew growth appears.

**POULTRY EQUIPMENT & EGG CLEANING DISINFECTION** - For pre-cleaned poultry equipment (brooders, watering founts, feeding equipment):

- Apply use-solution of 3 1/2 oz. SANIT- EASE L per 5 gal water.
- Small utensils should be immersed in this solution.
- Prior to disinfection, all poultry, other animals & their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter & droppings from floors, walls & other surfaces occupied or traversed by poultry or other animals.
- After disinfection, ventilate building, coops & other closed spaces. Do not house poultry, other animals or employ equipment until treatment has been absorbed, set or dried.
- All treatment equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

**SANITIZATION** - For previously cleaned food-grade eggs in shell egg and egg product processing plants:

- Spray with a use-solution of 1 oz. SANIT EASE L in 4 gal 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.
- Prepare a fresh use-solution for each treatment.
- Eggs sanitized with this product shall be subject 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.

# SANIT-EASE

## DISINFECTANT, SANITIZER, DEODORANT



### ACTIVE INGREDIENTS:

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 chlorides .....

n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)

dimethyl ethylbenzyl ammonium chlorides .....

INERT INGREDIENTS: .....

TOTAL .....

EPA REG. NO. 1839-86-64864

EPA EST. NO. 64864-WA-1

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See side panel for additional precautionary statements.

**NET CONTENTS: 55 Gallons**