

2296-108

6/6/2013

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

JUN 6 2013

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

James Socha  
**National Chemical Laboratories, Inc.**  
401 N. 10<sup>th</sup> Street  
Philadelphia, PA 19123

Subject: **Pine Quat**  
EPA Registration No.: 2296-108  
Application Date: May 8, 2013  
Receipt Date: May 10, 2013

Dear Ms. Socha:

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

**Proposed Notification:**


- Updating Storage and Disposal per PRN 2007-4

**General Comment:**

Based on a review of the material submitted, your notification to update as referenced above is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-6416 or by e-mail at [campbell.jacqueline@epa.gov](mailto:campbell.jacqueline@epa.gov) or Stacey Grigsby by telephone at (703) 305-6440 or by e-mail at [grigsby.stacey@epa.gov](mailto:grigsby.stacey@epa.gov) during the hours of 8:00am to 4:00pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

  
 Jacqueline Hardy  
 Product Manager (34)  
 Regulatory Management Branch II  
 Antimicrobials Division (7510P)



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 2296-108	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Pine Quat	PM#	
5. Name and Address of Applicant (Include ZIP Code) National Chemical Laboratories, Inc. 401 N. 10th Street Philadelphia, PA 19123 <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. _____ Product Name _____	

Section - II

<input checked="" 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 type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

PR Notice 2007-4

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
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Glass
					<input type="checkbox"/> Paper
					<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 1 qt., 1 gal., 5 gal., 55 gal.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" 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 Harry Pollack		Title President		Telephone No. (Include Area Code) (215) 922-1200	
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 		3. Title President			
4. Typed Name Harry Pollack		5. Date 04/16/13			



National Chemical Laboratories, Inc.

World Class Cleaning Solutions®

3/6

May 8, 2013

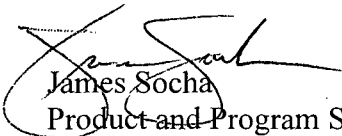
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Program  
Velma Noble  
One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

Dear Velma:

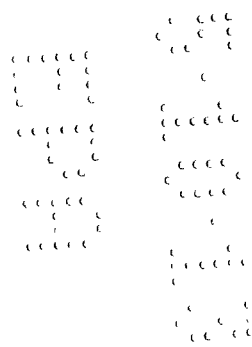
Enclosed is Form 8570-1 in reference to PR Notice 2007-4 for our product Pine Quat (EPA Reg. No. 2296-108) along with a copy of the label.

Please do not hesitate to contact me if you have any additional questions or if there is any additional information you may need.

Sincerely,  
NATIONAL CHEMICAL LABORATORIES, INC.

  
James Socha  
Product and Program Support

Extension: 266  
E-Mail: [JSOCHA@NCLONLINE.COM](mailto:JSOCHA@NCLONLINE.COM)



National Chemical Laboratories, Inc.  
401 N. 10th Street - Philadelphia, PA 19123  
(800) NAT-CHEM - 215-922-1200  
FAX: 215-922-5517  
[www.nclonline.com](http://www.nclonline.com)

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"Green" Hotels Association



Proud Sponsor of: The Green Seal Environmental Standard for Cleaning Services

# PINE QUAT™

## Neutral Disinfectant Cleaner

# NCL

National Chemical Laboratories, Inc.  
401 N. 10<sup>th</sup> Street Philadelphia, PA 19123  
215-922-1200 · 800-628-2436 · Fax 215-922-1200  
EPA Reg. No. 2296-108 EPA Est. No. 2296-PA-1

Net Contents: \_\_\_\_\_ Batch No. \_\_\_\_\_

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

*(If container is 5 gallons or larger the following statement must appear on the label.)*

#### ENVIRONMENTAL HAZARD

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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not mix with oxidizers, anionic soaps and detergents.  
Do not use or store near heat or open flame.

#### First Aid

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

**ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**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. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

#### ACTIVE INGREDIENTS:

Pine Oil.....	3.95%
Alkyl (C <sub>14</sub> 58%, C <sub>16</sub> 28%, C <sub>12</sub> 14%)	
Dimethyl Benzyl Ammonium Chloride.....	1.97%
<b>INERT INGREDIENTS:</b> .....	<u>94.08%</u>
<b>TOTAL</b> .....	<b>100.0000%</b>

\*Effective at 6 oz./gal. against Pseudomonas aeruginosa PRD-10, Salmonella choleraesuis ATCC 10708, and Staphylococcus aureus ATCC 6538 when tested by the A.O.A.C. Use dilution Test Method for precleaned, hard, non-porous surfaces.  
\*\*Effective virucide at 6 oz./gal. for influenza virus, Type A, Brazil, Herpes Simplex Type 2 on inanimate environmental surfaces.

## KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

See left (back) (side) (right) panel (of label) (below) for additional precautionary statements and first aid statements.

**PELIGRO: SINO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.**

**DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.**

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(Note to reviewer: The page numbers will change as the label changes.)

#### CLEANER-DISINFECTANT-DEODORIZER

Used for cleaning and disinfecting hard, non-porous, inanimate environmental surfaces (glass, metal, glazed porcelain, linoleum, glazed tile, vinyl, enameled and finished wood surfaces) on walls, floors, appliance exteriors and furnishings. Effective against a wide variety of gram-positive and gram negative bacteria. It is an excellent deodorant, effective in controlling odors that are bacterial in origin. Use solutions are non-staining to plastic, vinyl, synthetics, enamel, tile and most common metals. Pleasant pine odor. The product is not for use on medical devices and equipment.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.  
**Clean and Deodorize:** Apply 4 oz. per gallon of water use solution to surfaces with a cloth, mop, sponge or mechanical sprayer. Allow to air dry or remove excess liquid.

**For Deodorizing Garbage Cans, Garbage Trucks, Industrial Waste Receptacles, and Garbage Handling Equipment:** It is important to pre-clean for the product to perform properly. Apply 8 oz. per gallon water use solution to surfaces with cloth, mop, sponge, or mechanical sprayer. Allow to air dry or remove excess liquid.

**Sanitization:** Apply 4 oz. per gallon of water to hard non-porous surfaces with a cloth, mop, sponge, or trigger sprayer thoroughly wetting surfaces. Treated surfaces must remain wet for 10 minutes. Wipe dry or allow to air dry. Prepare a fresh solution daily or more often if the use solution becomes visibly diluted or soiled. After disinfecting, rinse food contact surfaces with potable water. Do not use on utensils, glasses, or dishes. For heavily soiled areas, a preliminary cleaning is required.

**General Disinfecting: Industrial Areas, Restrooms, Restaurants, Food and Meat Processing Plants (Non-Food Processing Areas), other NonMedical Uses:** Pre-clean surfaces as prescribed above. Apply 4 oz. per gallon of water to hard non-porous surfaces with a cloth, mop, sponge, trigger sprayer thoroughly wetting surfaces. Treated surfaces must remain wet for 10 minutes. Wipe dry or allow to air dry. Prepare a fresh solution daily or more often if the use solution becomes visibly diluted or soiled. After disinfecting, rinse food contact surfaces with potable water. Do not use on utensils, glasses, or dishes. For heavily soiled areas, a preliminary cleaning is required.

**Food and Meat Processing Plants:** Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected. Follow General Disinfection Directions.

**Toilet Bowl Disinfection:** Remove gross filth prior to disinfection. Empty bowl water or urinal and apply a use solution of 4 oz. per gallon of water. Thoroughly brush or swab over exposed surfaces and under the rim with a cloth, mop, sponge, or mechanical sprayer. Allow to stand 10 minutes, then flush.

**Disinfection of Barber and Beauty Tools and Instruments:** Pre-clean hard, non-porous instruments and tools. Completely immerse combs, brushes, rollers, manicure and other salon/barber implement in a use solution of 4 oz. per gallon of water for 10 minutes. Rinse thoroughly and dry before reuse. Prepare a fresh solution daily. Do not reuse solutions. Discard solutions when they become visibly soiled or diluted.

**Note:** Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after 10 minutes, rinsed, dried, and kept in a clean non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.

**Disinfection of Poultry Equipment/Animal Quarters/Kennels:** Poultry brooders, watering fountains, feeding equipment, stalls and kennel areas. Remove all animals and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls, and surfaces of barn, pens, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap and detergent and rinse with water. Apply 4 oz. per gallon of water to surfaces for 10 minutes. Immerse halters, ropes other types of equipment used in handling and restraining the animals as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, cars, trucks, coops, and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub treated feeding and watering equipment with soap or detergent, and rinse with potable water.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**(FOR USE ON NON-REFILLABLE CONTAINERS WITH HOUSEHOLD/RESIDENTIAL USES)  
PESTICIDE DISPOSAL/CONTAINER HANDLING/CONTAINER DISPOSAL:** Non-refillable container. Store only in original container in areas inaccessible to children. Triple rinse container. Do not reuse empty container. Wrap container and put in trash or offer for recycling if available.

**(FOR USE ON NON-REFILLABLE CONTAINERS WITH INSTITUTIONAL/COMMERCIAL/INDUSTRIAL)**

**(Note: To be used with either Non-public health or Public health uses in this section.)**

**(Note: For use on containers of ONE GALLON OR LESS)**

**CONTAINER DISPOSAL/PESTICIDE STORAGE:** Non-refillable container. Store only in original container. Do not reuse empty container. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap container and put in trash or offer for recycling if available.

**RESIDUE REMOVAL INSTRUCTIONS:** Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**(Note: For use on containers GREATER THAN ONE GALLON)**

**PESTICIDE STORAGE:** Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

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

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse this container to hold materials other than pesticides or rinsate. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow Pesticide Disposal instructions.

**(Note to Reviewer: Only one of the following paragraphs will be used for Residue Removal/Container Disposal on all refillable and non-refillable INSTITUTIONAL/COMMERCIAL/Industrial labels.)**

**(Note: For containers up to and including 5 gallons)**

**RESIDUE REMOVAL INSTRUCTIONS:** Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**(For containers greater than 5 gallons with Industrial/Commercial Non-public Health Uses)**

**RESIDUE REMOVAL INSTRUCTIONS:** To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other 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.

**(For containers greater than 5 gallons with Industrial/Commercial Public Health Uses)**

**RESIDUE REMOVAL INSTRUCTIONS:** To clean the container before final disposal, triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and

forth several times. Turn the container over its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times.

**(FOR USE ON REFILLABLE CONTAINERS)**

*(Note: The following text must be used on all refillable containers greater than five gallons.)* 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.

**PESTICIDE STORAGE:** Open dumping is prohibited. Store only in original container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.  
**CONTAINER HANDLING/RESIDUE REMOVAL:** Refillable container. Triple rinse. Refill this container with this product 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.

