

1706-183

7/26/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JUL 26 2013

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Linda J. Fane  
Research Scientist for,  
Nalco Company  
1601 West Diehl Road  
Naperville, IL 60563-1198

Subject: Permaclean PC-56  
EPA Registration Number 1706-183  
Your Notification Dated June 25, 2013  
EPA Received Date June 26, 2013

The notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to display the NSF mark on the product labeling for those tradenames that are certified to NSF Standard 60, is acceptable.

The notification has been made a permanent part of the file.

If you have questions concerning this letter, please contact Karen M. Leavy at (703)-308-6237.

Sincerely,

A handwritten signature in black ink that reads "M Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division(7510P)

<b>EPA</b>	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide – Section I**

1. Company/Product Number <b>1706-183</b>	2. EPA Product Manager <b>Marshall Swindell</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>PermaClean PC-56</b>	PM# <b>33</b>	
5. Name and Address of Applicant (Include ZIP Code) Nalco Company 1601 West Diehl Road Naperville, IL 60563  <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. Nos.  Product Names

**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.)

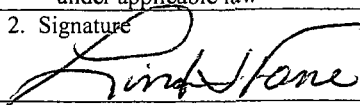
**Notification to add the NSF Mark as optional marketing text so that it can appear on the label for the brand names that are certified by NSF Standard 60.**

**This notification is consistent with the provisions of PR Notice 98-10 and EPA regulation 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 sections 12 and 14 of FIFRA.**

**Section - III**

<b>1. Material This Product Will Be Packaged In:</b>				<b>2. Type of Container</b>	
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 <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) <u>SS totes</u>
* <b>Certification must be submitted</b> If "Yes" Unit Packaging wgt.    No. per Container		If "Yes" Packaging wgt.    No. per Container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 5 gal. plastic pail, 15 gal. plastic drum, 55 gal. plastic drum, 275 gal. plastic tote, 400 gal. SS tote, 200 gal. SS tote, 55 gal. SS tote, 500 gal. plastic tote		5. Location of Label Directions <input checked="" 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"/> Other _____ <input checked="" type="checkbox"/> Paper Glued <input type="checkbox"/> Stenciled					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application..)		
Name Linda J. Fane	Title Research Scientist	Telephone No. (Include Area Code) 630.305-1455
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 Research Scientist	
4. Typed Name Linda J. Fane	5. Date 6-25-2013	



**PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE OR SKIN BURNS. HARMFUL IF INHALED, SWALLOWED OR ABSORBED THROUGH SKIN. Do not get in eyes, on skin or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Mixers, loaders, and others exposed to this product must wear long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. Do not apply this product in a way that will contact workers or other persons.



**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic plants, fish and aquatic invertebrates. 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS**

This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

Nalco Company

1601 West Diehl Road  
Naperville, IL 60563-1198

**EMERGENCY PHONE NO. (800) 424-9300**

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

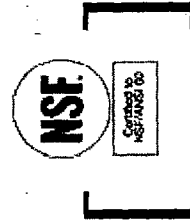
REG. NO. 1706-183

EPA EST. NO.: 1706-PA-01 (EL)

EPA EST. NO.: 1706-WA-01 (VW)

Letter in O that matches first letter in batch number identifies the establishment number.

[Note to reviewer: The NSF logo is optional marketing text and will only be used on NSF certified product tradenames].



**DIRECTIONS**

It is a violation of Federal Labeling.

**BADLY FOULED SYS BEGUN.**

For controlling bacterial reverse osmosis membrane compatibility by the membrane manufacturer, add this product to the contaminated area ahead of the membrane. This should be made with a severity of contamination. During use of this product both permeate and reject have been completed, rinsing values in the permeate are

**FOR CONTROL OF BA**

When the system is notice 56 per 1000 gallons continuously for a time period of the problem. Provide to provide a level of 100-soak tank.)

[Batch/Lot Number:   
Note to EPA Reviewer: Ba

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**PermaClean® PC-56**

AN ANTIMICROBIAL FOR THE TREATMENT OF ULTRA FILTRATION UNITS AND NON-MEDICAL/NON-POTABLE REVERSE OSMOSIS MEMBRANES AND PERIPHERAL SYSTEMS

**ACTIVE INGREDIENTS:**

- 5-Chloro-2-methyl-4-isothiazolin-3-one..... 1.1%
- 2-Methyl-4 isothiazolin-3-one..... 0.4%
- INERT INGREDIENTS:**..... 98.5%
- TOTAL**..... 100.0%

This product contains the active ingredients at 0.127 pounds per gallon

**KEEP OUT OF REACH OF CHILDREN  
DANGER PELIGRO**

**FIRST AID**

- If swallowed:**
  - Call a poison control center or a doctor immediately for treatment advice.
  - **DO NOT INDUCE VOMITING.**
  - Do not give anything to drink.
- If in eyes:**
  - Hold eye open and rinse slowly and gently with water for 15-20 minutes.
  - After at least 15 minutes of rinsing or after it is judged that nearly all of the contamination has been removed. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
  - Call a poison control center or a doctor immediately for treatment advice.
- If 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 a doctor for treatment advice.
- If inhaled:**
  - Move person to fresh air.
  - If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible.
  - Call a poison control center or a doctor for further treatment advice.

**NOTE TO PHYSICIAN:**

Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Have the MSDS and, if available, the product container or label with you when calling a poison control center or a doctor, or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

**HAZARDS TO ANIMALS**

DAMAGE OR SKIN BURNS. THROUGH SKIN. Do not get in skin contact may cause allergic such as nitrile or butyl rubber; ant apron. Discard clothing or contaminated with this product's solutions for cleaning/maintaining and hot water. Keep and wash before eating, drinking, chewing clothing immediately if pesticide ig. Users should remove PPE oves before removing. As soon ay that will contact workers or

**DS** vertebrates. Do not discharge tuaries, oceans, or other waters ollutant Discharge Elimination en notified in writing prior to uct to sewer systems without or guidance contact your State

**ARDS** t in unlined metal containers.

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VO.: 1706-WA-01 (VW)  
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Have the MSDS and, if available, the product container or label with you when calling a poison control center or a doctor, or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

**DIRECTIONS FOR USE**

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

**BADLY FOULED SYSTEMS MUST BE CLEANED BEFORE TREATMENT IS BEGUN.**

For controlling bacterial fouling of ultra-filtration units, non-medical or non-potable reverse osmosis membranes and peripheral systems, where approved for compatibility by the membrane manufacturer or demonstrated by other means to be compatible, add this product to the system inlet water or before any other contaminated area ahead of the Reverse Osmosis or Ultra-filtration unit. Addition should be made with a metering pump on a continuous basis depending on the severity of contamination when treatment is begun, and the guidelines specified by the membrane manufacturer or demonstrated by other means to be compatible. During use of this product for ultra-filtration units and reverse osmosis membranes, both permeate and reject water should be directed to the drain. Once treatment has been completed, rinsing with feedwater should be continued until conductivity values in the permeate are at or below values before treatment with this product.

**FOR CONTROL OF BACTERIAL FOULING**

When the system is noticeably fouled, add 2.75-16.5 fluid ounces PermaClean® PC-56 per 1000 gallons of feedwater (20-130 ppm). Product should be fed continuously for a time period of 1 to 24 hours 7 days each week depending on the severity of the problem. For off-line cleaning, PermaClean® PC-56 should be added to provide a level of 100-400 ppm (13.75-55 fluid ounces per 1000 gallons in the soak tank.)

[Batch/Lot Number: \_\_\_\_\_]

Note to EPA Reviewer: Batch/Lot Number may or may not appear on label.

## STORAGE AND DISPOSAL

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

**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.

*(Instructions for refillable containers:)*

**CONTAINER HANDLING:** Refillable container. Refill this container with 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. To clean the container before 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. Then offer for recycling, if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

*(Instructions for non-refillable containers greater than 5 gallons:)*

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: 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, 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. Then offer for recycling, if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedure approved by state and local authorities.

*(Instructions for non-refillable containers 5 gallons or less:)*

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. 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. Then offer for recycling, if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

**AL**  
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of the refiller. To clean the  
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Do not reuse or refill this  
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and tighten closures. Tip  
one complete revolution, for  
ack and forth several times.  
ack and forth several times.  
ank or store rinsate for later  
Then offer for recycling, if  
in a sanitary landfill, or by

**less:**

Do not reuse or refill this  
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or disposal. Drain for 10  
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and local authorities.

