

1706-183

12-28-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

DEC 28 2010

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Juli Mann  
Paralegal Specialist for,  
c/o Nalco Company  
Steptoe & Johnson LLP  
1330 Connecticut Avenue, NW  
Washington, D.C. 20036-1795

Subject: Permaclean PC-56  
EPA Registration Number 1706-183  
Your Amendment Dated October 19<sup>th</sup>, 2010  
EPA Received Date October 19<sup>th</sup>, 2010

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to update the product label and basic Confidential Statement of Formula and obtain approval of two alternate Confidential Statements of Formula, is acceptable.

The Confidential Statements of Formula and for the new updated label have the same nominal.

The Confidential Statements of Formula dated October 19, 2010, for the basic and alternate formulations are acceptable. However, there are some minor changes that require an update for the Confidential Statements of Formula as follows:

Revise the nominal of the a.i. of the lower limit from 1.09% to 1.05% for alternate formulation #1.

Revise the certified limits of the nominal of the a.i. for the upper limit from 1.14% to 1.2 % and change the lower limit from 1.08% to 1.05% for alternate formulation #2.

The word, "solvent", must be revised to read, "diluent" in column #15 of the Confidential Statement of Formula. The lower limit must be changed from 86.023% to read 86.32% for alternate formulation #1.

A stamped copy of the labeling is enclosed.

A copy of the product chemistry review is enclosed.

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

Sincerely,

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A handwritten signature in cursive script that reads "M Swindell". The signature is written in black ink and is positioned above the printed name.

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

**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.

**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 1/4 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 other 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 1/4 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.



**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%
<b>INERT INGREDIENTS:</b>	<b>98.5%</b>
<b>TOTAL</b>	<b>100.00%</b>

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.

EPA REG. NO. 1706-183

EPA EST. NO.: 1706-PA-01

EPA EST. NO.: 1706-WA-01

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

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:  
DEC 28 2010**

**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.)

Nalco Company  
1601 West Diehl Road  
Naperville, IL 60563-1198  
**EMERGENCY PHONE NO. (800) 424-9300**

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

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

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

Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended for the pesticide,  
registered under EPA Reg. No. 1706-183

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