

1706-201

02-24-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Juli Mann  
Paralegal Specialist for,  
Steptoe & Johnson LLP  
1330 Connecticut Ave., N.W.  
Washington, DC 20036-1795

FEB 24 2010

Subject: H-150-M Microbiocide  
EPA Registration Number 1706-201  
Your Notification Dated January 25<sup>th</sup>, 2010  
EPA Received Date January 25<sup>th</sup>, 2010

The notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to update the container handling statements as per PRI Notice 2007-4, is acceptable.

The notification has been made 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 "Karen M. Leavy" followed by a flourish.

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

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 1706-201	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>H-150-M</b>	PM # 33	
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 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 of label changes to incorporate revised container disposal statements per PR Notice 2007-4 and additional minor label revisions per PR Notice 98-10.**  
 This notification is consistent with the guidance in PR Notice 2007-4 and PR Notice 98-10 and the requirements of EPA's regulations at 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156.156, 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.  
**FORWARD CORRESPONDENCE for this action to: Juli Mann, Steptoe & Johnson LLP, 1330 Connecticut Ave., NW, Washington, D.C. 20036.**

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 - epoxy lined	
<b>*Certification must be submitted</b>		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of label directions <input type="checkbox"/> On Label <input type="checkbox"/> On Label 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 Person (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Juli Mann	Title Paralegal Specialist, Steptoe & Johnson, LLP, Authorized agent	Telephone No. (Include Area Code) 202-429-3095
<b>Certification</b> 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  <b>(Stamped)</b>
2. Signature 	3. Title Paralegal Specialist, Agent for Nalco Company	
4. Typed Name Juli Mann	5. Date January 25, 2010	

STEP TOE & JOHNSON LLP  
ATTORNEYS AT LAW

WRITER'S DIRECT DIAL  
202.429.3095

1330 Connecticut Avenue, NW  
Washington, DC 20036-1795  
Tel 202.429.3000  
Fax 202.429.3902  
step toe . com

January 25, 2010

*Via Hand Delivery*

Marshall Swindell, Product Manager 33  
Antimicrobials Division (AD)  
c/o Document Processing Desk (**NOTIF**)  
Office of Pesticide Programs (7510P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

**Re: Notification to update label per PR Notices 2007-4 and 98-10**

**Product: H-150-M (EPA Reg. No. 1706-201)**

Dear Marshall:

On behalf of our client, Nalco Company, enclosed please find a notification for **H-150-M** to update the container handling statements per PR Notice 2007-4 and make the following changes per PR Notice 98-10:

- Update the pesticide storage and disposal headers to "PESTICIDE STORAGE" AND "PESTICIDE DISPOSAL"

This notification is consistent with the guidance in PR Notice 2007-4 and PR Notice 98-10.

Enclosed is EPA Form 8570-1, with the required certification statement, along with one copy of the proposed label with changes highlighted. Please let me know if you have any questions or need anything further.

Correspondence for this matter should be sent to me at the Washington, D.C. address identified above. If you require any further information please contact me at (202) 429-3095. Thank you for your attention to this matter.

Sincerely,

  
Juli Mann  
Paralegal Specialist

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**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.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

**PHYSICAL AND CHEMICAL HAZARDS**

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

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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.

Do not apply this product in a way that will contact workers or other persons.

[Batch/Lot Number: ]

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

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# H-510-M

## MICROBIOCID

**INDUSTRIAL MICROBIOCID FOR USE IN RECIRCULATING WATER COOLING TOWERS, AIR WASHER SYSTEMS, OILFIELD INJECTION WATERS, ELECTRODEPOSITION SYSTEMS, PAPERMILL SLIMICIDE AND BUILDING MATERIAL PRESERVATION**

**ACTIVE INGREDIENTS:**

5-Chloro-2-methyl-4-isothiazalin-3-one.....	1.11%
2-Methyl-4-isothiazalin-3-one.....	0.39%
INERT INGREDIENTS.....	98.5%
TOTAL.....	100.00%

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

**FIRST AID**

- IF IN EYES: Hold eyes 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. 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 by a poison control center or doctor.
- IF ON SKIN: 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 INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulances, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed. Have the MSDS with you when calling a poison control center or a doctor, or going for treatment.

This product contains the active ingredients at 0.127 pounds per gallon

EPA Reg. No. 1706-201

EPA Est. No. 1706-PA-01

**Nalco Company**  
**One Nalco Center**  
**Naperville, IL 60563-1198**  
**EMERGENCY PHONE NO.: (800) 424-9300**

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

**ARDS**

ient containing this product into lakes, accordance with the requirements of a it and the permitting authority has been obtaining this product to sewer systems ity. For guidance contact your State ate water by cleaning of equipment or bel.

**HAZARDS**

n unlined metal containers

**IAL**

or feed by storage or disposal. Open

per disposal of excess pesticide, spray cannot be disposed of by use according ntal Control Agency, or the Hazardous ance.

container with pesticide only. Do not container before final disposal is the g before refilling is the responsibility of npty the remaining contents from this tainer about 10 percent full with water minutes. Pour or pump rinsate into nsing procedure two more times. Then id dispose of in a sanitary landfill, or by

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label

the Liquid, Acidic, Organic, N.O.S. (Isothiazolinone Microbiocide), 8, II

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# H-510-M MICROBIOCIDAL

INDUSTRIAL RECIRCULATING WATER COOLING  
OILFIELD INJECTION WATERS,  
SLIMICIDE AND BUILDING MATERIAL  
PRESERVATION

- .....1.11%
- .....0.39%
- .....98.5%
- 100.00%

## WARNING TO CHILDREN DANGER

**HAZARDOUS TO HEALTH**  
Irritate eyes and skin. Wash thoroughly with water for 15-20 minutes. For first 5 minutes, then continue rinsing. Call a physician for advice.  
If swallowed, do not induce vomiting. Call physician or doctor immediately for treatment advice. Do not induce vomiting unless advised to do so.  
If person is not breathing, call 911 or poison control center or a doctor, or going to hospital. If possible, referable mouth-to-mouth, if possible. Call a physician for advice.  
If person is not breathing, call 911 or poison control center or a doctor, or going to hospital. If possible, referable mouth-to-mouth, if possible. Call a physician for advice.  
If person is not breathing, call 911 or poison control center or a doctor, or going to hospital. If possible, referable mouth-to-mouth, if possible. Call a physician for advice.

Weight: 1.127 pounds per gallon

EPA Est. No. 1706-PA-01

Company  
Address  
Phone: (800) 424-9300

### DIRECTIONS FOR USE

Do not use this product in a manner inconsistent with its labeling.

#### INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

For the control of bacteria, algae and fungi add H-510-M Microbiocide to the tower basin, distribution box or some other point to ensure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm H-510-M Microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of H-510-M Microbiocide per 1000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm H-510-M Microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces per 1000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

#### AIR WASHER SYSTEMS

For use only in industrial air washer systems that maintain effective mist eliminating components. Add to the air washer sump or chill water sump to insure uniform mixing, 35 to 883 ppm H-510-M Microbiocide (0.3 to 7.46 pounds or 4.5 to 113 fluid ounces of H-510-M Microbiocide per 1000 gallons of water in the system) depending upon the severity of contamination to control bacteria, fungi and algae which cause fouling in industrial air washer systems.

#### ELECTRODEPOSITION SYSTEMS

For control of bacteria and fungi in Electrodeposition Systems (such as automotive or industrial equipment systems) slug feed H-510-M Microbiocide at a rate of 1 gallon per 1000 gallons of paint in the system (1000 ppm) as needed, depending upon results of cultures taken from the system.

#### INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm H-510-M Microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of H-510-M Microbiocide per 1000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm H-510-M Microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces per 1000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

#### CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm H-510-M Microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of H-510-M Microbiocide per 1000 gallons of water in the system).

SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of 35 to 219 ppm H-510-M Microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces per 1000 gallons of makeup water). Badly fouled systems must be cleaned before initial treatment.

#### OILFIELD INJECTION WATERS

For the control of slime-forming and sulfate-reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids, drilling, fracturing and completion fluids, slug treat with 67-332 ppm H-510-M Microbiocide depending on the contamination.

INITIAL DOSE: Add 116-332 ppm H-510-M Microbiocide (6.9-13.9 gallons H-510-M Microbiocide per 1000 barrels of water) at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved.

SUBSEQUENT DOSE: Add 67-166 ppm H-510-M Microbiocide (2.8-6.9 gallons or 23.5-58.0 lbs H-510-M Microbiocide per 1000 barrels of water) every seven days or as needed to maintain control.

#### PAPERMILL SLIMICIDE

H-510-M Microbiocide is recommended for the control of bacterial and fungal slime in the production of paper. This product is approved by the Food and Drug Administration for use as a slimicide (21CFR176.300) and as an antimicrobial agent for fillers, binders, pigment slurries, sizing solutions, and coating formulations used in the manufacture of paper and paperboard that contacts food (21CFR176.170).

POINT OF ADDITION: H-510-M Microbiocide should be added to a point in the system to insure mixing, such as the beater, hydropulper, or fan or broke storage pumps.

DOSAGE: H-510-M Microbiocide is recommended for the control of bacteria and fungi for water based-paper coating formulations and additives used in the manufacture of paper and paperboard such as fillers, binders, clay slurries, calcium carbonate slurries, titanium dioxide slurries, pigment slurries and sizing solutions. Add 0.43-1.65 lbs. H-510-M Microbiocide (195-750g) to each 1000 lbs. (453 Kg) of fluid to provide 425-1675 ppm of product (6.25 to 25 ppm active isothiazolin). As a papermill slimicide, apply 0.44 to 1.5 lbs. (7-23 fl. oz.) of H-510-M Microbiocide per ton (dry basis) of pulp or paper produced as a slug dose. If needed, repeat daily. Badly fouled systems should be cleaned before initial treatment.

#### BUILDING MATERIAL PRESERVATION

H-510-M Microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in the following building materials: mastics, caulks, joint cements, spackling, and grouting. Add 0.43-1.65 pounds of H-510-M Microbiocide (195-750 grams) to each 1000 pounds (453 kilograms) of fluid to provide 425-1675 ppm product (6.25 to 25 ppm active isothiazolines).