

1706-186

12/3/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 3 2012

Ms Linda J Fane
Research Scientist
Nalco Company
1601 West Diehl Road
Naperville IL 60563

Subject **H-130 Microbiocide**
EPA Registration Number 1706-186
Application Dated October 1, 2012
EPA Received October 2 2012

Dear Ms Fane

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended, is acceptable

Proposed Amendment

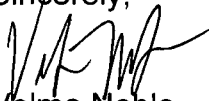
- Add use site "Thermal Processing and Pasteurizer Operations"

General Comments

A stamped copy of the acceptable labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

	Enclosure, stamped label			CONCURRENCES			
SYMBOL							
SURNAME							
DATE							

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER Corrosive Causes irreversible eye damage and skin burns Do not get in eyes, on skin, or on clothing Wear protective eyewear (goggles or face shield) protective clothing and rubber gloves May be fatal if swallowed or inhaled Do not breathe vapor or spray mist Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC 21C), or a NIOSH approved respirator with any N R P or HE filter Harmful if absorbed through the skin Prolonged or repeated skin contact may cause allergic reactions in some individuals Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco Remove contaminated clothing and wash before reuse

ENVIRONMENTAL HAZARDS

This product is toxic to fish 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

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

PESTICIDE STORAGE Do not store near heat or open flame

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 If rinsate cannot be used follow pesticide disposal instructions If not triple rinsed these containers are acute hazardous wastes and must be disposed in accordance with local state and federal regulations DO NOT cut or weld metal containers

(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 other procedure approved by state and local authorities If rinsate cannot be used follow pesticide disposal instructions If not triple rinsed these containers are acute hazardous wastes and must be disposed in accordance with local state and federal regulations DO NOT cut or weld metal containers

(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 If rinsate cannot be used follow pesticide disposal instructions If not triple rinsed these containers are acute hazardous wastes and must be disposed in accordance with local state and federal regulations DO NOT cut or weld metal containers

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

H-130 MIC

TWIN CHAIN QUATERNARY AMM
WATER TREATMENT MICROI
INSTITUTIONAL BUILDINGS AND INI
TO

ACTIVE INGREDIENTS

Didecyl dimethyl ammonium chloride

INERT INGREDIENTS

Total

**KEEP OUT OF RE
DAI**

FIR

If in eyes

Hold eye open and rinse slowly and gently
Remove contact lenses if present after th
Call a poison control center or a doctor in

If on skin or clothing

Take off contaminated clothing
Rinse skin immediately with plenty of wa
Call a poison control center or a doctor fo

If swallowed

Call a poison control center or a doctor in
Do not induce vomiting unless told to do
Do not give anything by mouth to an uncc

If inhaled

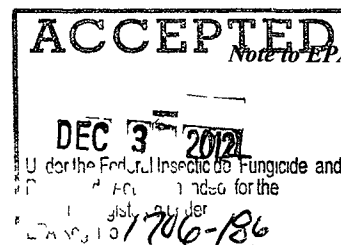
Move person to fresh air
If person is not breathing call 911 or an a
preferably moun to mouth if possible
Call a poison control center or a doctor fo

NOTE TO PHYSICIAN

Aspiration may cause lung damage Proba
of gastric lavage
Have the MSDS and if available the produ
poison control center or a doctor, or going

EPA Reg No 1706-186

Nalco
1601 We
Naperville
EMERGENCY PHC



MALS

Do not get in eyes (shield) protective not breathe vapor approval number filter Harmful if may cause allergic after handling and 3 and wash before

product into lakes, accordance with the PDES) permit and Do not discharge into the sewage treatment plant or Regional

Disposal of excess cannot be disposed Environmental Control Agency for guidance

Pesticide only Do not final disposal is the responsibility of the user. Do not mix contents from this container. Do not fill with water or pump rinsate into water. Repeat this procedure two more times. Do not use in a sanitary area. Rinsate cannot be used for drinking water. Do not use in acute hazardous areas. Do NOT cut

This container Triple Empty remaining water. Replace and complete revolution several times. Turn the container. Empty the rinsate into water. Repeat this procedure. If rinsate cannot be recycled, containers are acute hazardous. Do not use in other regulations. DO

This container Triple Empty remaining water. After the flow begins to slow, pour rinsate into water. Drain for 10 seconds. Do not offer for recycling if contaminated or by other procedure. Do not use for pesticide disposal. Containers must be disposed in accordance with local regulations.



H-130 MICROBIOCIDE

TWIN CHAIN QUATERNARY AMMONIUM COMPOUND CONCENTRATE
WATER TREATMENT MICROBIOCIDE FOR COMMERCIAL AND INSTITUTIONAL BUILDINGS AND INDUSTRIAL AND COMMERCIAL COOLING TOWERS

ACTIVE INGREDIENTS

Didecyl dimethyl ammonium chloride 50%

INERT INGREDIENTS 50%

Total 100%

KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID

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 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 swallowed

Call a poison control center or a doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled

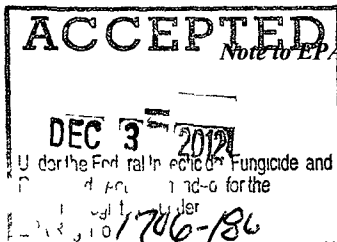
Move person to fresh air. If person is not breathing call 911 or an ambulance, and then give artificial respiration preferably mouth to mouth if possible. Call a poison control center or a doctor for further treatment advice.

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.

EPA Reg No 1706-186 EPA Est No 1706 PA 1

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



[Batch/Lot Number _____]
Reviewer Batch/Lot Number may or may not appear on label

3/4
H-130 Microbiocide will clean and loosen slime and must be handled with care

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with the directions on the label.

METHOD OF FEED
Feed H-130 Microbiocide to a system Microbiocide at a point in the tower sump

FEED REQUIREMENTS
Badly fouled systems may require Microbiocide to be fed into the system.
Continuous Feed Method
Initial Dose When the system is fouled, add 20 ppm (20 gallons of water (20 ppr) per thousand gallons of water).
Subsequent Dose Maintain 2 ppm per thousand gallons of water.
Intermittent or Slug Feed Method
Initial Dose When the system is fouled, add 10-20 ppm (10-20 gallons of water (10-20 fl oz) increase dosage to 9 fl oz per thousand gallons of water) to achieve biological cleaning. Frequency as required.
Subsequent Dose When the system is fouled, add 2 ppm (2 gallons of water (2 fl oz) per thousand gallons of water) per day.

Oil Field
For the control of slimes in oil field systems, add 5-10 ppm for effective control. For intermittent use, add 5-10 ppm for 4 to 8 hour per day.

This product must be used in addition to make up water.
METHOD OF APPLICATION
Continuous Injection
Noticeably fouled (10-20 gallons of water) to maintain 2 ppm.
Batch Treatment
Add 20 ppm (20 gallons of water) per week.

Treat individual injection points. Update injection points.

Add this product to sludge contained between the tanks depending on the length.

Add to the fluid system (active) added to the system.

Add to a packer fluid (active per 100 barrels) fresh packer fluid in.

Treat water used to fill tanks. Length of time the equipment is in use.

May be added to the water forming bacteria and slimes.

9/9

CO BIOCIDES

H 130 Microbiocide will control algae and bacterial slimes found in recirculating cooling tower waters. Helps clean and loosen slime debris from cooling system surfaces. Is economical to use because it is concentrated. It must be handled with care.

FORM COMPOUND CONCENTRATE
FOR COMMERCIAL AND INDUSTRIAL AND COMMERCIAL COOLING

DIRECTIONS FOR USE

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

METHOD OF FEEDING

Feed H 130 Microbiocide as received directly from drum or pail by means of a proportioning pump or other feed equipment to a system whose efficiency is impaired or in jeopardy of becoming affected. Apply H 130 Microbiocide at a point in the system where the product will be uniformly mixed and evenly distributed such as the tower sump.

Recirculating Cooling Water Towers

FEED REQUIREMENTS

Badly fouled systems must be pre-cleaned before treatment is begun. Best results are achieved when H 130 Microbiocide is fed intermittently.

Continuous Feed Method

Initial Dose When the system is noticeably fouled apply 6 fluid ounces of H 130 Microbiocide per thousand gallons of water (20 ppm active quat) in the system.

Subsequent Dose Maintain treatment by starting a continuous feed of 2 to 3 fluid ounces of H 130 Microbiocide per thousand gallons of makeup water (~ 7-10 ppm active quat).

Intermittent or Slug Method

Initial Dose When the system is noticeably fouled apply 3 to 6 fluid ounces of H 130 Microbiocide per thousand gallons of water (10-20 ppm active quat) in the system. If the dosage does not produce satisfactory results increase dosage to 9 fluid ounces of H 130 Microbiocide per thousand gallons of water (30 ppm active quat). Typically an antifoam is required to minimize foaming if > 50 ppm dosages of H 130 Microbiocide are required to achieve biological control. After optimum treatment has been determined repeat treatment weekly or increase frequency as required.

Subsequent Dose When microbial control is evident add 2 to 3 fluid ounces of H 130 Microbiocide per thousand gallons of water in the system weekly or as needed to maintain control (~ 7-10 ppm active quat).

(Do Not Apply in Marine and Estuarine Oil Fields)

Oil Field Water Flood Or Salt Water Disposal Systems and Fracturing Fluids

For the controls of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems add 5-10 ppm (active) of this product (1 1/2 - 3 gallons per 3 000 barrels of water) continuously. Levels for effective control will vary depending on conditions at the site.

For intermittent use dose at a rate of 5-20 ppm (active) of this product (1 1/2 - 6 gallons per 3 000 barrels of water) for 4 to 8 hour per day one to four times a week as needed to maintain control.

Oilfield Injection and Waste Water

This product must be added to the water handling system at a point of uniform mixing such as the area of addition of make up water to the holding tank.

METHOD OF APPLICATION

Continuous Injection Add this product at 30 ppm (9 fluid ounces per 1000 gallons of water) when system is noticeably fouled. When microbial control is evident add this product at 15 ppm (4.5 fluid ounces per 1000 gallons of water) to maintain control.

Batch Treatment Add this product at 180 ppm (46 fluid ounces per 1000 gallons of water) over a period of 4-6 hours one or more times per week when the system is noticeably fouled. When microbial control is evident add this product at 90 ppm (23 fluid ounces per 1000 gallons of water) over a period of 4-6 hours one or more times per week.

Gas Storage Wells and Systems

Treat individual injection wells with this product to produce effective concentration of 65-1000 ppm (active) of this product. Update treatment rate as needed. This product must be diluted by the water present in the formation. Injection may be repeated yearly or as needed to maintain control.

Pipeline Pigging and Scraping Operations

Add this product to slug of water immediately following the scraper (keep the water volume to a minimum and contained between the scraper and the following pig). Add an effective concentration to produce 75-500 ppm depending on the length of the pipeline and the severity of the biofouling.

Drilling, Completion and Workover Fluids Systems

Add to the fluid system at a point of uniform mixing such as circulating mud tank. Initial treatment 65-1000 ppm (active) added to a freshly prepared fluid. Maintenance dosage 65-1000 ppm so as to maintain control.

Packer Fluids

Add to a packer fluid at a point of uniform mixing such as a circulating holding tank at a rate of 65-1000 ppm (active per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal the fresh packer fluid in the wall between the casing and the production tube.

Hydrotesting

Treat water used to hydrotest pipelines or vessels at 65-1000 ppm active depending on the water quality and length of time the equipment will remain idle.

Thermal Processing and Pasteurizer Operations

May be added to thermal processing water pasteurizer cooling water or dairy sweetwater to control slime forming bacteria and deposit formation. Use 5-15 ppm active quat.

S

- 50%
- 50%
- 100%

KEEP OUT OF CHILDREN'S REACH

READ

water for 15-20 minutes
5 minutes, then continue rinsing eye
thoroughly for treatment advice

15-20 minutes
consult treatment advice

consult for treatment advice
call the poison control center or doctor
if necessary consult a health care person

consult for treatment advice and then give artificial respiration

consult for treatment advice

consult for treatment advice. Severe eye damage may contraindicate the use

consult for treatment advice. See container or label with you when calling a health care person for treatment

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number may or may not appear on label