



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

1706-201

Date of Issuance:

OCT 04 2000

Term of Issuance: Conditional

Name of Pesticide Product:

H-510-M

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Nalco Chemical Company
One Nalco Center
Naperville, IL 60563-1193

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document for Methylisothiazolene RED, EPA has reregistered the above name product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

1. Make the following label changes:

- a. Revise the EPA Registration Number to read "EPA Reg. No. 1706-201".
- b. The word "PELIGRO" must be added to the label, following the signal word.

Signature of Approving Official:

Marshall Swindell, PM 33
Regulatory Management Branch 1
Antimicrobial Division (7510W)

Date:

OCT 04 2000

c. The heading "Statement of Practical Treatment" must be changed to "First Aid" and the statements must be revised as follows:

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. 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 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.

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.

d. Revise the "Precautionary Statements" that appear under the subheading "Hazards to Humans and Domestic Animals" to read:

"Causes irreversible eye damage or skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash before reuse".

e. Include a "Physical and Chemical Hazards" heading and place the phrase "This product is corrosive to mild steel". This product as supplied evolves gascontents through the vent".

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f. In the Storage and Disposal section, change the subheading "Prohibitions" to "Pesticide Storage" and include the word "water" to the statement "Do not contaminate food or feed by storage, disposal, or cleaning of equipment".

g. Include the statement "Do not apply this product in a way that will contact workers or other persons" to fall directly below the storage and disposal section.

h. The Company name and address has been transferred from Calgon Corporation to Nalco Chemical Company. This transfer must appear on the new product labels.

i. The EPA Registration No. on the label is incorrect, since the identification numbers have been transferred to EPA Reg. No. 1706-201. This transfer must appear on the new labels.

j. The statement "The product contains the active ingredients at 0.27 pounds per gallons" must be placed directly under the ingredients section.

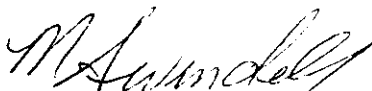
k. Delete the phrase "General Classification".

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Enclosure

H-510-M Microbiocide

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

FIRST AID

IF SWALLOWED: Do not induce vomiting. Drink promptly a large quantity of egg whites or gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Never give anything by mouth to an unconscious person.

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

ACTIVE INGREDIENTS:	
5-Chloro-2-methyl-4-isothiazolin-3-one.....	1.11%
2-Methyl-4-isothiazolin-3-one.....	0.39%
INERT INGREDIENTS.....	98.50%
TOTAL.....	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

See Side Panel for Additional Precautionary Statements

- EPA Registration No. 10445-66
- EPA Establishment No. 10445-PA-01
- EPA Establishment No. 10445-CA-01
- EPA Establishment No. 10445-TX-01
- EPA Establishment No. 69891-GA-1

**Calgon Corporation
Calgon Center
Pittsburgh, PA 15230**

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 04 2000

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

10445-66

DIRECTIONS FOR USE
GENERAL CLASSIFICATION

5 7 8

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

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

INDUSTRIAL RECIRCULATING COOLING WATER 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 insure 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 of H-510-M Microbiocide 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

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 on 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 of H-510-M Microbiocide per 1000 gallons of water in the system) weekly or as needed to maintain control.

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 or 35 to 219 ppm H-510-M Microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of H-510-M Microbiocide per 1000 gallons of makeup water).

Badly fouled systems must be cleaned before initial treatment.

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16445-66

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 of 58.0-116.8 H-510-M Microbiocide per 1,000 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 1,000 barrels of water) every seven days or as needed to maintain control.

NOTE: For use in industrial air washer systems that maintain effective mist eliminating components.

APERMILL 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 (21 CFR 176.300) and as an antimicrobial agent for fillers, binders, pigment slurries, sizing solutions, and coating formulations used in the manufacturing of paper and paperboard that contacts food. (21 CFR 176.170)

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. of H-510-M Microbiocide (195-750 g) to each 1000 lbs. (453 kg) of fluid to provide 425 to 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 pound of H-510-M Microbiocide (195-750 gram) to each 1000 pound (453 kilogram) of fluid to provide 425-1675 ppm product (6.25 to 25 ppm active isothiazolones).

H-510-M Microbiocide weighs 8.4 lbs. per gallon.

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

DANGER!

CORROSIVE. CAUSES EYE DAMAGE AND SKIN BURNS.

CAUSES ALLERGIC SKIN REACTION.

HAZARDOUS IF INHALED.

MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.

Do not get in eyes, on skin, or on clothing. 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 this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.

ENVIRONMENTAL HAZARDS

This product is toxic to terrestrial and 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 Eliminating System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

PROHIBITIONS:

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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:

METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL:

Consult federal, state or local disposal authorities for approved alternative procedures.

For additional information regarding incidents involving human and environmental exposure, call 412-494-8000 and ask for the Health and Environmental Affairs Department.

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WARRANT: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with label directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller and Buyer assumes the risk of any such use.

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