

1706-240

6/29/2011

1044

U.S. ENVIRONMENTAL PROTECTION
AGENCYOffice of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg.

Number:

1706-240

Date of Issuance:

JUN 29 2011

Term of Issuance:

Unconditional

Name of Pesticide Product:

Nalco 60620

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Nalco Company

1601 West Diehl Road

Naperville, IL 60563

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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.

This product (OPP Decision No. D443828) is unconditionally registered in accordance with FIFRA sec 3(c)(5) provided that you:

1. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Symbol to read, "EPA Reg. No. 1706-240

Signature of Approving Official:

Dennis H. Edwards fax
Velma Noble
Product Manager Team-31
Regulatory Management Branch
Antimicrobials Division (7510P)

Date:

JUN 29 2011

CONCURRENCES

SYMBOL

7510P

SURNAME

S. J. J.

DATE

6/29/11

b. Revise the Precautionary Statements to read as follows.

"CAUTION: *Harmful if swallowed or absorbed through the skin.* May cause irritation to the eyes and skin. Do not get in eyes, on skin, or on clothing. Use with adequate ventilation. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber, chemical resistant) when handling. Remove contaminated clothing and wash clothing before reuse. *Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.*"

c. As per PR Notice 2001-1, revise your First Aid statements such that to be ordered from most toxic to least toxic route of exposure. Revise the order to read "If Swallowed" followed by "If On Skin" followed by "If In Eyes" and "If Inhaled."

d. Revise the first two sections of the "Directions for Use" as follows: "...For the control of bacteria, algae and fungi. Nalco 60620 *must be* used in conjunction with: 1) *an EPA registered* sodium hypochlorite product (12.5%) *to produce chloramine*; and 2) the OxiPRO delivery system *at a pH of ≥ 12* as described below. Nalco 60620 and the sodium hypochlorite are mixed in the specially *designed OxiPRO* delivery system that produces the *chloramine* solution... The design, treatment, installation, calibration, and operation of the feeding system in all plants *is to be* conducted only by authorized and trained personnel." Also delete the two other instances of "stabilized chlorine" in these sections and replace with "*chloramine.*"

e. Revise the Pulp and Papermill Water Systems section by deleting both instances of the phrase "stabilized chlorine" and replacing with "*chloramine.*"

f. Revise the Slug Feed Method, Intermittent Feed Method, and Continuous Feed Method sections to be in agreement with PR Notice 2000-5 which specifies mandatory language in the directions for use. Revise the statements in each of these sections by deleting the words recommended and typically. In addition, delete all references in this section to "*stabilized chlorine.*" Revise all instances of *stabilized chlorine* to state "*chloramine.*" Revise these statements as follows: "...The *chloramine is achieved* by mixing..." or "...the appropriate amount of *chloramine* to the system..."

g. Add the following Physical and Chemical Hazards section to your label:
"Physical and Chemical Hazards: *Direct mixing of this product with sodium hypochlorite solutions and other strong oxidizing and alkali chemicals will release hazardous gases. Only mix with other chemicals or materials solutions following the Directions for Use of this product.*"

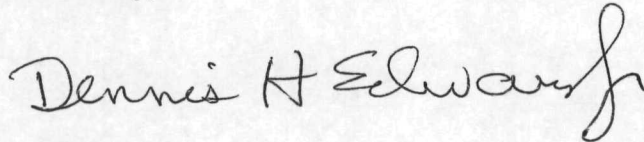
| CONCURRENCES | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|
| SYMBOL | | | | | | | | |
| SURNAME | | | | | | | | |
| DATE | | | | | | | | |

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2. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Your release for shipment of the product constitutes acceptance of the above label changes. A stamped copy of the label is enclosed for your records. Should you have any questions regarding this letter, please contact Tracy Lantz at lantz.tracy@epa.gov or (703) 308-6415.

Sincerely,

A handwritten signature in cursive script that reads "Dennis H Edwards". The signature is written in dark ink and is positioned above the typed name and title.

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

Enclosure: Stamped Label
7510P:T. Lantz:6/29/11:1706-240 ammonium sulfate AD reg notice

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May cause irritation to the eyes, and skin. Do not get in eyes, on skin, or on clothing. Do not take internally. Use with adequate ventilation. Rinse thoroughly with water after handling. Remove contaminated clothing and wash clothing before reuse. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber, chemical resistant) when handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. 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 local 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. Open dumping is prohibited. **PESTICIDE STORAGE:** Keep container tightly closed. Store in a dry place. Leaking or damaged containers should be placed in an overpack container for disposal. Spills should be contained and cleaned using an absorbent material and disposed of in a sanitary landfill.

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.

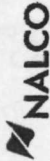
(Instructions for handling statements not applicable to bulk containers)

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. Four or pump rinsate into application equipment or recirculate water with the pump for 2 minutes. 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.

Revised: 03/10/2011 This Product is Not Regulated During Transportation



Nalco 60620

A MICROORGANISM CONTROL CHEMICAL

| | |
|--------------------|--------|
| ACTIVE INGREDIENT: | 20.0% |
| Ammonium Sulfate | 80.0% |
| INERT INGREDIENTS | 100.0% |
| TOTAL | |

EPA Reg. No. 1706-XXX

EPA Est. No. 1706-IL-1 (BP) EPA Est. No. 1706-WA-1 (VW)
EPA Est. No. 1706-PA-1 (EL) EPA Est. No. 1706-LA-2 (PL)

Letter in 0 that matches first letter in batch number identifies the establishment number.

KEEP OUT OF REACH OF CHILDREN CAUTION

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. Do not give anything to an unconscious person.
- 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: Have the product container or label with you when calling a poison control center or a doctor, or going for treatment.

SEE LEFT SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 29 2011

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

1706-240

DIRECTIONS FOR USE

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

For the control of bacteria, algae and fungi, Nalco 60620 is used in conjunction with: 1) sodium hypochlorite (12.5%) to produce 12.5% chlorine; and 2) the OxiPRO delivery system as described below.

Nalco 60620 and the sodium hypochlorite are mixed in a specially designed system that produces the 12.5% solution on site. The products are blended to achieve a minimum molar ratio of 1.0-1.2 to 1.0 Nalco 60620 to sodium hypochlorite (12.5%). The 12.5% solution is typically achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). The OxiPRO delivery system controller ensures the automatic production of the dilute 12.5% solution, controls the optimization of the production process, and ensures adequate dosing into the water system requiring treatment. The design, treatment, installation, calibration, and operation of the feeding system in all plants should be conducted only by authorized and trained personnel.

Use of this product for any other purposes or contrary to the instructions below, or without the supervision of authorized trained personnel is prohibited.

Note: Do not use other feeding modes to mix Nalco 60620 and the sodium hypochlorite. Non-authorized personnel are prohibited from operating or otherwise handling the feeding system or its chemical ingredients.

PULP AND PAPERMILL WATER SYSTEMS

Dosage Rates: When the system is noticeably fouled, apply sufficient Nalco 60620 and sodium hypochlorite to achieve a chlorine residual in excess of the system oxidant demand. The 12.5% solution produced by the delivery system is immediately added to the process waters for which treatment is required. The 12.5% solution may be added to any point of uniform mixing. Addition may be continuous or intermittent depending on the severity of the contamination when treatment starts, and on other system operation parameters.

A. SLUG FEED METHOD

Initial Dose: When the system is noticeably fouled, add the appropriate amount of 12.5% solution to the system to obtain from 1 to 10 ppm total available chlorine. The 12.5% solution is typically achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Repeat until control is achieved. Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add the appropriate amount of 12.5% solution to the system daily, or as needed to maintain control and keep the total chlorine residual at 1 to 10 ppm.

B. INTERMITTENT FEED METHOD

Initial Dose: When the system is noticeably fouled, add the appropriate amount of 12.5% solution to the system to obtain 1 to 10 ppm total available chlorine. The 12.5% solution is typically achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add the appropriate amount of 12.5% solution to the system to obtain a 1 - 10 ppm total chlorine residual.

C. CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add the appropriate amount of 12.5% solution to the system to obtain 1 to 10 ppm total available chlorine. The 12.5% solution is typically achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 12.5% solution to maintain a 1 to 10 ppm total chlorine residual.

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

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