

1706-138

11-19-2009

1/9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

NOV 19 2009

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

FILE COPY

Juli Mann
Paralegal Specialist
1330 Connecticut Avenue, NW
Washington, DC 20036-1795

Subject: Notification Application per PR Notice 2007-4
Nalco T74A6-M
EPA Registration Number: 1706-138
Application Date: October 23, 2009
Receipt Date: October 26, 2009

Dear Ms. Mann:

This will acknowledge receipt of your notification, submitted under the provisions of PR Notice 2007-4.

Proposed Notification:

Updated Storage and Disposal language

General Comment:

Based on a review of the material submitted, the following comment applies:

The notification is acceptable.

Should you have any questions concerning this letter, please contact Heather Garvie at (703) 308-0034 or by email address at garvie.heather@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "ShaRon Carlisle".

ShaRon Carlisle
(Acting) Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

NOTIFICATION PER PR NOTICE 2007-4

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060, Approval expires 2-28-95

EPA Environmental Protection Agency Washington, DC 20460	United States <input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
--	--	-----------------------

Application for Pesticide – Section I

1. Company/Product Number 1706-138 4. Company/Product (Name) Nalco T74A6-M 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	2. EPA Product Manager Adam Heyward PM# 34 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted 6. Expedited Review. 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"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification – Explain Below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other – Explain Below.
--	--

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

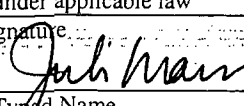
Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement 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 §§ 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	Unit Packaging	Water Soluble Packaging			
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per Container	If "Yes" Packaging wgt.	No. per Container
3. Location of Net Contents Information		4. Size(s) Retail Container		5. Location of Label Directions	
<input type="checkbox"/> Label <input type="checkbox"/> Container				<input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product					
<input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper Glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (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	Telephone No. (Include Area Code) 202-429-3095	
Certification			6. Date Application Received (Stamped)
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.			
2. Signature		3. Title	
 Juli Mann		Paralegal Specialist, Agent for Nalco Company	
4. Typed Name		5. Date	
Juli Mann		October 23, 2009	

STEPTOE & JOHNSON
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
steptoe.com

October 23, 2009

Via Hand Delivery

ShaRon Carlisle, Acting Product Manager 34
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 Notice 2007-4

Product: Nalco T74A6-M (EPA Reg. No. 1706-138)

Dear Ms. Carlisle:

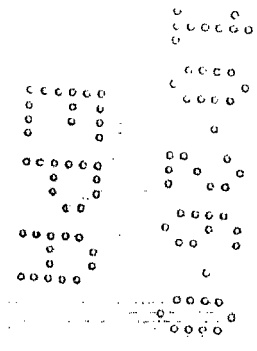
Please find enclosed a notification to update the container disposal statements per PR Notice 2007-4. The revised and updated language is highlighted in yellow on the enclosed label.

Documents included with this submission include an Application Form (EPA Form 8570-1) and one copy of the updated label.

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





NALCO T74A6-M

A MICROORGANISM CONTROL CHEMICAL FOR CONTROL OF BACTERIA, FUNGI, AND ALGAE IN INDUSTRIAL RECIRCULATING WATER COOLING TOWER SYSTEMS; AND IN ONCE-THROUGH FRESH AND SEAWATER INDUSTRIAL COOLING WATER SYSTEMS; AND FOR THE TREATMENT OF ULTRA FILTRATION UNITS AND NON-MEDICAL/NON-POTABLE REVERSE OSMOSIS MEMBRANES & PERIPHERAL SYSTEMS; AND CONTROLS SLIME-FORMING BACTERIA AND FUNGI IN AIR WASHER SYSTEMS AND BREWERY PASTEURIZERS; AND CONTROLS THE GROWTH OF MICROORGANISMS IN INDUSTRIAL PRESERVATION APPLICATIONS INCLUDING BOTH RAW MATERIALS, AND PRODUCTS (EMULSIONS, COATINGS, POLISHES, SIZINGS, CAULK, ADHESIVES, PIGMENT SLURRIES); CONTROLS BACTERIA, FUNGI AND YEASTS IN PAPER MILLS; AND FOR THE CONTROL OF BACTERIA IN OIL AND WATERFLOOD OR SALT WATER DISPOSAL SYSTEMS; AND FOR DEPOSIT CONTROL

FOR INDUSTRIAL USE ONLY.

ACTIVE INGREDIENT:

2,2-Dibromo-3-nitrilopropionamide.....	20%
INERT INGREDIENTS.....	80%
TOTAL.....	100%

Weight/gallon=10.6 pounds

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.
- Call a poison control center or a doctor immediately 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.

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 by mouth 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 a doctor for treatment advice.

NOTE TO PHYSICIAN:

Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor or going to treatment.

For emergency information on T74A6-M call the **National Pesticides Information Center** at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants, socks and chemical-resistant footwear, goggles or face shield, and chemical resistant gloves (such as barrier laminate or butyl nitrile/neoprene rubber, PVC, or viton).

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Revised: 10/22/2009

**NOT REGULATED DURING TRANSIT
IF TRANSPORTED IN PACKAGING**

to not apply to
drift. Only pro

When handling
long-sleeve sh

DANGER.
Causes skin ir
handling wear
shoes, chemi
skin contact r
after handling
contaminated

This product
water by clear
into lakes, str
of a National
been notified
systems with
your State Wa

It is a violatio

NOTE: ADI
additives, in
formulations.
BEGUN.

INDUS'

(Such as: pri

[PK

Add NALCO
metering pur
when treatme
is attained t
discontinued

INTERMITT
0.0048-0.009
achieved.
SUBSEQU
M per of wat
CONTINUO
0.0095 gallo
SUBSEQU
NALCO T74

INTERMITT
0.048-0.095
achieved.
SUBSEQU
per 1000 gal
CONTINUC
0.095 gallon
SUBSEQU
NALCO T74

A6-M

CONTROL OF BACTERIA, FUNGI, AND COOLING TOWER SYSTEMS, AND IN ALL COOLING WATER SYSTEMS, AND INDUSTRIAL AND NON-MEDICAL/NON-POTABLE SYSTEMS; AND CONTROLS SLIME-SHEDDER SYSTEMS AND BREWERY MICROORGANISMS IN INDUSTRIAL RAW MATERIALS, AND PRODUCTS; GLUES, ADHESIVES, PIGMENT SLURRIES; MILLS; AND FOR THE CONTROL OF WATER DISPOSAL SYSTEMS; AND FOR

ONLY.

..... 20%
..... 80%
..... 100%

unds

OF CHILDREN
R

NOTIFICATION
Date Reviewed: 11/19/09
Reviewed By: M. H. H. H.

1-20 minutes.
When continue rinsing.
Treatment advice.

Do not give artificial respiration, preferably

Treatment advice.

Treatment advice.

See your doctor.

Notes.

Do not give may contraindicate the use of gastric

See your poison control center or doctor or going to

Pesticides Information Center at 1-800-
367-6332 a week. During other times, call the

EQUIPMENT

long-sleeved shirt and long pants, socks and chemical resistant gloves (such as barrier

Use PPE. If no such instructions for washables, from other laundry.

WASHING

When using tobacco, or using the toilet. Users should then wash thoroughly and put on clean clothing. Wash the outside of gloves before change into clean clothing.

Application Restrictions:

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Engineering Controls:

When handlers use closed metering systems the handler requirements may be reduced or modified to long-sleeve shirt, long pants, shoes and socks.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE: Causes irreversible eye damage. May be fatal if inhaled or swallowed. Causes skin irritation. Do not get in eyes, on skin or on clothing. Do not breathe dust. When loading or handling wear protective eyewear (goggles or face shield), long-sleeved shirt and long pants, socks, shoes, chemically resistant gloves and a NIOSH approved respirator. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing separated from other before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment, or disposal of wastes. 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.

DIRECTION FOR USE

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

NOTE: ADD NALCO T74A6-M SEPARATELY TO THE SYSTEM. Do not mix it with other additives, in order to avoid decomposition of NALCO T74A6-M due to high pH of many additive formulations. **BADLY FOULED SYSTEMS MUST BE CLEANED BEFORE TREATMENT IS BEGUN.**

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND INDUSTRIAL PROCESS WATER SYSTEMS

(Such as: pretreatment systems and process waters used for washing metal or plastic parts and /or paint reduction)

[PROCESS WATER SYSTEM USES NOT CURRENTLY AUTHORIZED IN CA.]

Add NALCO T74A6-M to the basin (or other point of uniform mixing). Addition should be made with a metering pump; it may be continuous or intermittent depending on the severity of the contamination when treatment is begun, and the retention time in the system. Optimum performance with this product is attained by continuous or intermittent treatment. If "shock" treatment is used, blowdown is discontinued for 24-48 hours.

FOR THE CONTROL OF BACTERIA

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add 0.0048-0.0095 gallon NALCO T74A6-M per 1000 gallon of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.0024-0.0095 gallon NALCO T74A6-M per gallon of water in the system every four days or as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add 0.0048-0.0095 gallon NALCO T74A6-M per 1000 gallon of water to the system.

SUBSEQUENT DOSE: Maintain level by pumping a continuous feed of 0.00095-0.0048 gallon NALCO T74A6-M per 1000 gallon of water in system/day.

FOR CONTROL OF FUNGI AND ALGAE

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled add 0.048-0.095 gallon of NALCO T74A6-M per 1000 gallon of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.029-0.095 gallon NALCO T74A6-M per 1000 gallon of water in the system daily, or as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add 0.048-0.095 gallon NALCO T74A6-M per 1000 gallon of water in the system.

SUBSEQUENT DOSE: Maintain treatment level by pumping a steady feed of 0.029-0.095 gallon NALCO T74A6-M per 1000 gallon of water in the system per day.

**NOT REGULATED DURING TRANSPORTATION IN THE U.S. PER 49CFR 173.154(D),
IF TRANSPORTED IN PACKAGE COMPATIBLE WITH THIS MATERIAL**

strictions:
workers or other persons, either directly or through application.

Controls:
Other requirements may be reduced or modified to

STATEMENTS

DOMESTIC ANIMALS

Damage. May be fatal if inhaled or swallowed. Clothing. Do not breathe dust. When loading or unloading, long-sleeved shirt and long pants, socks, and a respirator. Prolonged or frequently repeated use. Wash thoroughly with soap and water. Do not use gum, or using tobacco. Remove and wash hands.

HAZARDS

As specified on this label. Do not contaminate food or feed. Do not discharge effluent containing this product into surface waters unless in accordance with the requirements of the NPDES permit and the permitting authority has approved discharge effluent containing this product to sewer treatment plant authority. For guidance, contact

USE

Labeling inconsistent with its labeling.

DO NOT MIX WITH OTHER PRODUCTS. Do not mix it with other products. NALCO T74A6-M due to high pH of many additive products. **BE CLEANED BEFORE TREATMENT IS**

COOLING TOWERS AND INDUSTRIAL WASHING SYSTEMS

Use for washing metal or plastic parts and/or paint.

CURRENTLY AUTHORIZED IN CA.

Uniform mixing). Addition should be made with a metering pump depending on the severity of the contamination in the system. Optimum performance with this product is achieved. If "shock" treatment is used, blowdown is

FOR CONTROL OF BACTERIA

INTERMITTENT METHOD - INITIAL DOSE: When the system is noticeably fouled, add 6-12 ppm of water in the system. Repeat until control is

achieved. When the system is noticeably fouled, add 0.0024-0.0095 gallon NALCO T74A6-M to maintain control.

When the system is noticeably fouled, add 0.0048-0.0095 gallon NALCO T74A6-M to the system.

When the system is noticeably fouled, add 0.00095-0.0048 gallon NALCO T74A6-M to the system.

FOR CONTROL OF FUNGI AND ALGAE

INTERMITTENT METHOD - INITIAL DOSE: When the system is noticeably fouled, add 6-12 ppm of water in the system. Repeat until control is

achieved. When the system is noticeably fouled, add 0.029-0.095 gallon NALCO T74A6-M to maintain control.

When the system is noticeably fouled, add 0.048-0.095 gallon NALCO T74A6-M to the system.

When the system is noticeably fouled, add 0.029-0.095 gallon NALCO T74A6-M to the system.

73.154(D),
IAL

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

For controlling bacteria, fungi, and algae in once-through and closed-cycle fresh and sea water cooling systems, cooling ponds, canals & lagoons, add NALCO T74A6-M to the system inlet water or before other contaminated areas in the system. Addition should be made with a metering pump. It may be continuous or intermittent depending on severity of contamination when treatment is begun, and retention time in system.

FOR CONTROL OF BACTERIA

INTERMITTENT METHOD - INITIAL DOSE: When system is noticeably fouled, add 6-12 ppm NALCO T74A6-M. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 3-12 ppm NALCO T74A6-M intermittently as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add 6-12 ppm NALCO T74A6-M continuously to the system.

SUBSEQUENT DOSE: When microbial control is evident, pump a continuous feed of 1-6 ppm NALCO T74A6-M continuously to the system.

FOR CONTROL OF FUNGI AND ALGAE

INTERMITTENT METHOD - INITIAL DOSE: When the system is noticeably fouled, add 60-118 ppm NALCO T74A6-M to the system. The minimum treatment interval should be 15 minutes. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 36-118 ppm NALCO T74A6-M to the system daily, or as needed to maintain control. The minimum treatment interval should be 15 minutes.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add 60-118 ppm NALCO T74A6-M to the system.

SUBSEQUENT DOSE: When microbial control is evident, pump a continuous feed of 36-118 ppm NALCO T74A6-M to the system.

AIR WASHER SYSTEMS

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

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add 0.003-0.095 gallon NALCO T74A6-M per 1000 gallon of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.0015-0.047 gallon NALCO T74A6-M per 1000 gallon of water in the system daily, or as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add 0.003-0.095 gallon NALCO T74A6-M per 1000 gallon of water in the system.

SUBSEQUENT DOSE: Maintain treatment level by pumping a steady feed of 0.0015-0.047 gallon NALCO T74A6-M per 1000 gallon of water in the system per day.

BREWERY PASTEURIZERS

For control of bacterial and fungal growths in brewery pasteurizers, add 0.15-0.25 gallon Nalco T74A6-M per 1000 gallon of system water (150-250 ppm). Repeat as necessary to maintain control.

Optimum performance with this product is attained by continuous or intermittent treatment.

FOR CONTROL OF BACTERIAL FOULING

BADLY FOULED SYSTEMS MUST BE CLEANED BEFORE TREATMENT IS BEGUN. AFTER CLEANING, FLUSH SYSTEM WITH PERMEATE TO REMOVE ANY RESIDUAL CLEANER. FOR CONTROL OF BACTERIAL FOULING

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 an intermittent 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 ultrafiltration 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.

INITIAL DOSE: When the system is noticeably fouled, add 0.05-0.1 gal NALCO T74A6-M/ 1000 gal of feedwater (50-100 ppm). Repeat until control is achieved or as specified by guidelines recommended by the membrane manufacturer or demonstrated by other means to be compatible. Minimum contact time should be 15 minutes.

SUBSEQUENT DOSE: When microbial control is evident, add 0.025-0.1 gal NALCO T74A6-M/1000 gal of feedwater (24-100 ppm) as needed to maintain control or as specified by guidelines recommended by the membrane manufacturer or demonstrated by other means to be compatible.

ENHANCED OIL RECOVERY SYSTEMS

For controlling slime-forming bacteria, sulfide-producing bacteria, yeasts and fungi in oil field water, polymer or micellar floods, water-disposal systems or other oil field water systems, add 1-80 ppm NALCO T74A6-M (0.1-6.4 gallons NALCO T74A6-M per 2400 barrels of water) depending on the severity of contamination. Additions of NALCO T74A6-M may be made with a metering pump either continuously or intermittently.

Addition of NALCO T74A6-M may be made at the free water knockouts before or after the injection pumps and injection well headers.

NOTE: Add NALCO T74A6-M separately to the system. In order to avoid decomposition of NALCO T74A6-M due to the high pH of many additive formulations, do not add it with other additives.

INDUSTRIAL PRESERVATION

NALCO T74A6-M may be used to reduce microbiological contamination in raw materials and/or products such as: aqueous paints and coatings, polymers, slurries, adhesives, latex and resin emulsions, sizing, caulk, and process water, along with specialty industrial products including inks, polishes, waxes, detergents & cleaners.

TO REDUCE MICROBIOLOGICAL CONTAMINATION

Adding NALCO T74A6-M to the material or product at concentrations ranging from 125 to 2000 ppm by weight will typically provide effective reduction. This concentration is equivalent to 14 to 224 fluid ounces NALCO T74A6-M per 1000 gallons or 107 to 1712 milliliters NALCO T74A6-M per 1000 liters. In some instances lower levels of NALCO T74A6-M may be effective. The required concentration will depend on the material being treated and the level of contamination present. Matrix effects that can impact the efficacious level of NALCO T74A6-M are pH, organic load, exposure time and type of contamination. To determine the exact dosage for a given application you will need to test it within your own system.

Note: For preservative applications in coating formulations and in component slurries and emulsions used in the production of paper and paperboard and in coatings for paper and paperboard, dosage may not exceed 500 ppm product.

PAPERMILLS

For control of bacterial, fungal, and yeast deposits in pulp, paper, and paperboard mills, add NALCO T74A6-M at the rate of 0.114 – 0.384 pints per ton (0.15 – 0.50 lb/ton) of pulp or paper (dry basis). Addition may be continuous or intermittent, depending upon the type of system and the severity of contamination. NALCO T74A6-M should be added with a metering pump at a location that will insure uniform distribution in the mass of fiber and water, such as the beaters, Jordan inlet or discharge, broke chests, furnish chests, save-alls, and white water tanks.

HEAVILY FOULED SYSTEMS should be boiled out, then treated with 0.114 – 0.384 pints per ton (0.15 – 0.50 lb/ton) of pulp or paper (dry basis) as necessary for control.

MODERATELY FOULED SYSTEMS should be treated continuously with 0.264 – 0.384 pints (0.35 – 0.50 pounds) of NALCO T74A6-M per ton of paper (dry basis) until the deposit accumulation is controlled. Addition rates can then be reduced to 0.114 – 0.264 pints per ton (0.15 – 0.35 lb/ton) of paper on a continuous or intermittent basis, as needed for control. Dislodged slime may cause breaks in the paper and a clean-up of the machine may be advisable.

SLIGHTLY FOULED SYSTEMS should be treated continuously with 0.114 – 0.264 pints (0.15 – 0.35 pounds) of NALCO T74A6-M per ton of paper (dry basis) until the slime is controlled, then added on an intermittent basis to maintain control.

DESCRIPTION:
microorganisms
slurries.

TYPICAL USE
effective when ap
of any given for
determined by act

Latex Emulsions
Adhesives
Waxes, Polishes a
Pigment Slurries
Aqueous Paints a

Notice: Do not sl

This product is ef
1:100 to 1:4.

For controlling (c
fluids containing
with a metering p

INITIAL OR SL
M per 1000 galle

SUBSEQUENT
1000 gallons of
continuously or i

NOTE: Add Nalco T
T74A6-M due to the

l, add 0.05-0.1 gal NALCO T74A6-M/ 1000 gal
ieved or as specified by guidelines recommended
her means to be compatible. Minimum contact

dent, add 0.025-0.1 gal NALCO T74A6-M/1000
ontrol or as specified by guidelines recommended
r means to be compatible.

VERY SYSTEMS

ing bacteria, yeasts and fungi in oil field water,
r other oil field water systems, add 1-80 ppm
M per 2400 barrels of water) depending on the
A6-M may be made with a metering pump either

ree water knockouts before or after the injection

m. In order to avoid decomposition of NALCO
tions, do not add it with other additives.

SERVATION

ological contamination in raw materials and/or
ers, slurries, adhesives, latex and resin emulsions,
ndustrial products including inks, polishes, waxes,

ICAL CONTAMINATION

at concentrations ranging from 125 to 2000 ppm
his concentration is equivalent to 14 to 224 fluid
to 1712 milliliters NALCO T74A6-M per 1000
O T74A6-M may be effective. The required
d and the level of contamination present. Matrix
O T74A6-M are pH, organic load, exposure time
sage for a given application you will need to test it

lations and in component slurries and emulsions
n coatings for paper and paperboard, dosage may

ILLS

1 pulp, paper, and paperboard mills, add NALCO
(0.15 - 0.50 lb/ton) of pulp or paper (dry basis).
ing upon the type of system and the severity of
with a metering pump at a location that will insure
ch as the beaters, Jordan inlet or discharge, broke

ut, then treated with 0.114 - 0.384 pints per ton
essary for control.

ated continuously with 0.264 - 0.384 pints (0.35 -
per (dry basis) until the deposit accumulation is
.4 - 0.264 pints per ton (0.15 - 0.35 lb/ton) of paper
control. Dislodged slime may cause breaks in the

continuously with 0.114 - 0.264 pints (0.15 - 0.35
asis) until the slime is controlled, then added on an

LIQUID CONCENTRATES

DESCRIPTION: NALCO T74A6-M is a preservative, which effectively inhibits the growth of microorganisms in emulsions, coatings, waxes, polishes, sizing, caulk, ink, adhesive, and pigment slurries.

TYPICAL USE LEVELS: Laboratory testing and customer use shows NALCO T74A6-M is typically effective when applied at concentrations shown below. The exact amount necessary for the preservation of any given formulation will depend on the components, storage time, temperature, etc., and can be determined by actual testing. All concentrations are based on the total formulation weight.

	EFFECTIVE CONCENTRATION
Latex Emulsions	0.05 - 0.8%
Adhesives	0.05 - 0.8%
Waxes, Polishes and Ink	0.05 - 0.4%
Pigment Slurries	0.04 - 0.9%
Aqueous Paints and Coatings	0.08 - 0.3%

Notice: Do not ship or store with foods, feeds, drugs or clothing.

METALWORKING FLUIDS CONTAINING WATER

This product is effective in metalworking fluid concentrates which have been diluted in water at ratios of 1:100 to 1:4.

For controlling (or inhibiting) the growth of bacteria, fungi, and yeast that may deteriorate metalworking fluids containing water, add Nalco T74A6-M to the fluid collection tank. Additions should be made with a metering pump.

INITIAL OR SLUG DOSE: When the system is just noticeably fouled, add 0.25 gallons Nalco T74A6-M per 1000 gallons of metalworking fluid to the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.1-0.2 gallons Nalco T74A6-M per 1000 gallons of metalworking fluid per day, or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.

NOTE: Add Nalco T74A6-M separately to the system. Do not mix it with other additives, in order to avoid decomposition of Nalco T74A6-M due to the high pH of many additive formulations.

NTRATES

ive, which effectively inhibits the growth of
hes, sizing, caulk, ink, adhesive, and pigment

omer use shows NALCO T74A6-M is typically
The exact amount necessary for the preservation
ents, storage time, temperature, etc., and can be
sed on the total formulation weight.

ENTRATION
0.05 - 0.8%

clothing.

CONTAINING WATER

ates which have been diluted in water at ratios of

ngi, and yeast that may deteriorate metalworking
fluid collection tank. Additions should be made

oticeably fouled, add 0.25 gallons Nalco T74A6-
Repeat until control is achieved.

vident, add 0.1-0.2 gallons Nalco T74A6-M per
led to maintain control. Additions can be made
red.

with other additives, in order to avoid decomposition of Nalco

STORAGE AND DISPOSAL

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

STORAGE: To maintain product quality, store at temperatures below 60° C. Keep container tightly closed when not in use.

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. Offer for recycling, if available. 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.

EPA EST. NO. 1706-PA-1

EPA REG. NO. 1706-138

EPA EST. NO. 1706-WA-1

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 the label.