

1706-20001

1/7/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

Linda J. Fane  
Senior Manager  
1601 West Diehl Rd.  
Naperville, IL 60563-1198

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Subject: Nalco 7341  
EPA Registration No. 1706-20001  
Application Dated: October 23, 2013  
Receipt Dated: October 25, 2013

JAN 7 2014

Dear Ms. Fane:

This acknowledges the receipt of your Amendment application dated October 23, 2013 in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended.

**Submission and Proposed Changes**

Add additional optional non-pesticidal uses for Nalco 7341 product (EPA Reg# 1706-20001 label dated 10/23/13 and pin punch 10/25/13 and updated label pin punch 01/07/14) such as "Oxidizing organics, bleaching, whitening, chlorine source, reducing color, controlling iron and manganese and reducing total organic carbon (TOC)".

**General Comments**

Based on the review of the material submitted, the label amendment for Nalco 7341 (EPA Reg# 1706-20001) **is acceptable.**

A stamped copy of the accepted stamped label is enclosed for your record. Submit one copy of your final printed label/labeling, promptly, before distributing or selling the product bearing the revised label/labeling.

The accepted stamped copy of the label of this amendment and a copy of this letter have been inserted in your file for future reference

If you have any questions or comments concerning this letter, please contact [liem.david@epa.gov](mailto:liem.david@epa.gov) or call (703) 305-1284.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Fuller", is written over a horizontal line.

Demson Fuller  
Product Manager - Team 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Att: Accepted stamped label.



EMERGENCY DISINFECTION

When boiling of water for 1 minute is not practical, water can be made potable by using NALCO 7341. Prior to addition of the solution, remove all suspended material by filtration or by allowing the water to settle. Add 1.5 oz. of NALCO 7341 per 100 gallons of water. Allow the treated water to stand for 30 minutes. Properly treated water should have a slight chlorine odor; if not, repeat dosage and allow the water the stand an additional 15 minutes; the treated water can then be made palatable by pouring it between clean containers several times.

SEWAGE AND WASTEWATER EFFLUENT TREATMENT

The disinfection of sewage effluent must be evaluated by determining the total number of coliform bacteria and/or fecal coliform bacteria, as determined by the Most Probable Number (MPN) procedure, to ensure that the chlorinated effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

On the average, satisfactory disinfection of secondary wastewater effluent can be obtained when the chlorine residual is 0.5 ppm after a 15 minute contact time. Although the chlorine residual is the critical factor in disinfection, the importance of correcting chlorine residual with bacterial kill must be emphasized. The MPN of coliform bacteria in the effluent should be less than 100 per 100 gallons of water. The chlorine residual should be maintained at a level of 0.5 ppm after a 15 minute contact time. The chlorine residual should be considered an operating standard valid only to the extent verified by the coliform quality of the effluent.

The following are critical factors affecting wastewater disinfection:

1. Mixing: It is imperative that the product and wastewater be instantaneously and completely flash mixed to assure reaction with every chemically active soluble and particulate component of the wastewater.
2. Contacting: Upon flash mixing, the flow through the system must be maintained.
3. Dosage/Residual Control: Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined, desirable chlorine level. Secondary effluent should contain 0.2 to 1.0 ppm chlorine residual after a 15 to 30 minute contact time. A reasonable average of residual chlorine is 0.7 ppm after a 15 minute contact time.

SEWAGE AND WASTEWATER TREATMENT

EFFLUENT SLUDGE CONTROL

Add 100 to 1000 ppm available chlorine solution at a location which will allow complete mixing. Prepare this solution by mixing 10 to 100 oz. of NALCO 7341 with 100 gallons of water. Once control is evident, apply a 1.5 ppm available chlorine solution. Prepare this solution by mixing 2 oz. of NALCO 7341 with 100 gallons of water.

FILTER BEDS-SLUDGE CONTROL

Remove filter from service, drain to a depth of 1 ft. above the filter sand, and add 80 oz. of NALCO 7341 per 20 sq. ft. evenly over the surface. Wait 30 minutes before draining water to a level that is even with the top of the filter. Wait for 4 to 6 hours before completely draining and backwashing filter.

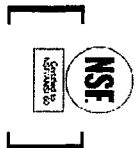
NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

[Note to reviewer: The following is optional marketing text]

THIS PRODUCT MAY BE USED FOR NON-PESTICIDAL USES SUCH AS:

- Oxidizing organics
- Bleaching
- Whitening
- Chlorine source
- Reducing color
- Controlling iron and manganese
- Reducing Total Organic Carbon (TOC)

[Note to reviewer: The NSF logo is optional marketing text and will only be used on NSF certified product trademarks]



Revised: 10/23/2013

UN 1791, Hypochlorite solution, 8, PG III  
[RQ component: sodium hypochlorite; RQ amount: 800 lbs]

