

1706-170

117/2011

1 of 4

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



United States
Environmental Protection
Agency

Office of Pesticide Programs

Nalco Company
1601 West Diehl Road
Naperville, IL 60563

JAN - 7 2011

AGENT: Steptoe and Johnson
1330 Connecticut Avenue, N.W.
Washington, D. C. 20036

Attention: Juli Mann

Subject: Nalcon 7678
EPA Registration No. 1706-170
Amendment Dated November 9, 2010

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

Proposed Amendment

- Updated Basic and Alternate Confidential Statements of Formulas (CSFs)

General Comments

The Basic and Alternate Confidential Statements of Formulas dated November 9, 2010 are acceptable. Refer to the enclosed copy of the Product Chemistry review under "FINDINGS" and "CONCLUSION" for further comments.

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

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

Sincerely,

A handwritten signature in cursive script, reading "M Swindell".

Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobials Division (7510P)

Enclosures

2064



NALCON[®] 7678

PAPERMILL SLIMICIDE

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one..... 3 %
2-Methyl-4-isothiazolin-3-one.....1%

INERT INGREDIENTS:.....96%
Total.....100%

KEEP OUT OF REACH OF CHILDREN

DANGER

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

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.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 1706-170 EPA Est. No. 1706-LA-1 (GV)
EPA Est. No. 1706-CN-1 (BU) EPA Est. No. 1706-PA-1 (E)
EPA Est. No. 1706-WA-1 (VW)

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

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

Net Contents Shown Elsewhere on Container

ACCEPTED
with COMMENTS
EPA Letter Dated:

JAN - 7 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1706-170

Microbiocide), 8, II
Amt: 45,000 lbs)

DI
It is
PA
NA
PO
mix
DO
pap
init
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NA
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styl
gur
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pro
NO
act
frec
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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE OR SKIN BURNS. HARMFUL IF INHALED, SWALLOWED OR ABSORBED THROUGH SKIN. Do not get in eyes, on skin or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. 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 the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. Do not apply this product in a way that will contact workers or other persons.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to 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 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.

PHYSICAL AND CHEMICAL HAZARDS

This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.

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 incinerate or burn, if allowed 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 incinerate or burn, if allowed 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. 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 incinerate or burn, if allowed by state and local authorities.

ACTIVE INGREDIENT
5-Chloro-2-methyl-4-
2-Methyl-4-isothiazol-
INERT INGREDIENT
Total.....

- IF IN EYES: Hold contact lenses, if center or doctor fit
- IF SWALLOWED: person sip a glass control center or
- IF ON SKIN: Take 20 minutes. Call
- IF INHALED: Measures against give artificial respiration doctor for treatment
- NOTE TO PHYSICIAN: Have the MSDS and, if center or a doctor, or g

SEE S

EPA Reg. No. 1706-
EPA Est. No. 1706-C
EPA Est. No. 1706-V

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**ACCEPTED
with COMMENTS
EPA Letter Dated:**

JAN - 7 2011

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

1706-17D

[Batch/Lot Number: _____]

Note to EPA Reviewer: Batch/Lot Number may or may not appear on the label.

Revised: 11.8.10 UN 3265, Corrosive Liquid, Acidic, Organic, N.O.S. (Isothiazolinone Microbiocide), 8, II
(RQ: Cupric Nitrate RQ Amt: 45,000 lbs)

DIRECTIONS FOR USE

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

PAPERMILL WATERS

NALCON 7678 is recommended for the control of bacterial and fungal slime in the production of paper.

POINT OF ADDITION: NALCON 7678 should be added to a point in the system to insure uniform mixing such as the Beater, Hydropulper, or Fan or Broke Storage Pumps.

DOSAGE: Apply 0.17 – 0.56 lbs (2.6 – 8.6 fluid oz) of NALCON 7678 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.

POLYMER LATEX PRESERVATION

NALCON 7678 is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including: acrylic; styrene/butadiene; carboxylated styrene/butadiene; ethylene/vinyl acetate; and biopolymers intended for industrial use, such as xanthan gum, gum arabic, guar gum, protein-derived polymers, starches, and casein-derived polymers.

Add 0.16 – 1.22 lbs of NALCON 7678 (72 g – 0.56 kg) to each 1,000 lbs (453.6 Kg) of emulsion to provide 157 to 1240 ppm product (6.25 – 50 ppm active isothiazolones).

NOTE: To insure uniform mixing, add NALCON 7678 to latex or solutions slowly with agitation. The actual concentrations required will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected, and level of protection required.

COATING PRESERVATION

NALCON 7678 is recommended as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper coatings.

Add 0.16 – 0.61 lbs of NALCON 7678 (72-278 g) to each 1,000 lbs (453Kg) of fluid to provide 157-620 ppm product (6.25 to 25 ppm active isothiazolones).

DISPERSED PIGMENT PRESERVATION

NALCON 7678 is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paper production.

Add 0.16 – 0.61 lbs of NALCON 7678 (72-278 g) to each 1,000 lbs (453 Kg) of fluid to provide 157-620 ppm product (6.25-25 ppm active isothiazolones).

ACCEPTED
with COMMENTS
EPA Letter Dated:

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1706-17D