

1706-185

05/16/2000

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

EPA Reg. Number:

1706-185

Date of Issuance:

MAY 16 2000

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance: Until
Reregistration

Name of Pesticide Product:

Biochek® 721M

Name and Address of Registrant (include ZIP Code):

Nalco Chemical Co.
One Nalco Center
Naperville, IL 60563-1198

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/reregistration 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 is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase, "EPA Registration No.1706-185" to your label before you release your product for shipment.

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3. Submit five (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Sincerely,



Adam Heyward
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7501C)

Enclosure

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BIOCHEK[®] 721M

PRESERVATIVE WHICH EFFECTIVELY INHIBITS
THE GROWTH OF MICROORGANISMS IN
PAINTS/COATINGS, EMULSIONS, ADHESIVES,
PIGMENT SLURRIES, JOINT COMPOUNDS, STARCH
AND TEXTILE CHEMICALS.

Active Ingredients:

1,2-Dibromo-2,4-Dicyanobutane	12.0%
2-Bromo-2-Nitro-1,3-Propanediol	6.0%
Other Ingredients.....	<u>82.0%</u>

Total	100.0%
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**KEEP OUT OF REACH OF CHILDREN
DANGER**

Refer to left panel for additional precautionary statement.

FIRST AID:

IF IN EYES: Hold eyelids 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 poison control center or doctor for treatment advice.

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 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 INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferable 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.

EPA Registration No.: 10445-
EPA Establishment No. 10445-PA-01

Net Weight _____ lbs.

Calgon Corporation
P.O. Box 1346
Pittsburgh, PA 15230

ACCEPTED
with COMMENTS
in EPA Letter Dated:
MAY 16 2000

Under the Federal Insecticide,
Fungicide and Rodenticide Act,
extended for the use of
registered and

1706-185

DRAFT 2/15/2000

Directions for Use:

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

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RECOMMENDATIONS:

Interior Paints/Coatings – The following concentrations must be used to inhibit in-can microbiological degradation of water based paint/coating systems. The concentrations are based on the total paint formulation weight and should be incorporated into the make-up water during the grind. (0.075% - 0.2%)

Emulsions – The following concentrations must be used to inhibit in-can microbiological degradation of water based emulsion systems. The concentrations are based on the total emulsion formulation weight and should be added using moderate agitation immediately following the cool down of the emulsions and prior to pumping to storage tank facilities. (0.075% - 0.2%)

Adhesives – The following concentrations must be used to inhibit in-can microbiological degradation of water based adhesive systems. The concentrations are based on the total adhesive formulation weight and should be incorporated with agitation to the make-up water. However, where the adhesive is heated, BIOCHEK® 721M, should be added during the cool down cycle. (0.05% - 0.2%)

Pigment Slurries – The following concentrations must be used to inhibit in-can microbiological degradation to water based dispersed pigment systems. The concentrations are based on the total dispersed pigment formulation weight and should be added using moderate agitation immediately following the cool down of the dispersed pigment and prior to pumping to the storage tank facilities.

<u>Pigment Type</u>	<u>Percent Concentration</u>
Titanium Dioxide	0.025% - 0.3%
Calcium Carbonate	0.075% - 0.3%

Joint Compounds – The following concentrations must be used to inhibit in-can microbiological degradation to water based joint compound systems. The concentrations are based on the total joint compound formulation weight and should be incorporated with agitation to the make-up water blend. (0.03% - 0.1%)

Textile Chemicals - The following concentrations must be used to inhibit in-can microbiological degradation to water based textile chemical systems. The concentrations are based on the total textile chemical formulation weight and should be incorporated with agitation to the make-up water blend. (0.025% - 0.2%)

Starch – The following concentrations must be used to inhibit in-can microbiological degradation of water based starch systems. The concentrations are based on the total starch formulation weight and should be incorporated with agitation to the make-up water. However, where the starch is heated, BIOCHEK® 721M, should be added during the cool down cycle. (0.05% - 0.2%)

NOTICE:

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with 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 not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

For additional information regarding incidents involving human and environmental exposure, call Calgon Corporation, Product Regulatory Affairs at 412-494-8000.

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER: Corrosive. Cause irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Do not breathe spray mist. Wear goggles or face shield. For handling activities during the use of airblast, mistpower, pressure greater than 40 p.s.i. with fine droplets, smoke, mist, fog aerosol or direct exposure,, wear eight a respirator with an organic vapor (OV) cartridge, or a canister with any N, P, R, or HE prefilter. For all other exposures, wear a dust/mist/filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

Applicators and other handlers must wear long-sleeve shirts and long pants, socks plus shoes, and chemical resistant gloves. Do not apply this product in a way that will contact workers or other persons. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do Not reuse them. If the pesticide gets inside clothing remove clothing immediately, 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 and change into clean clothing.

ENVIRONMENTAL HAZARDS

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

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. 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 your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Metal Containers or Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities. **Plastic Containers:** May be incinerated, or, if allowed by state and local authorities by burning. If burned, stay out of smoke. **Metal Containers:** Must not be incinerated. Do not cut or weld on or near metal containers.

Typical Use Levels:

Lab testing shows the product to be effective in the range of 0.0075% - 0.3% (75 ppm - 3000 ppm). These ranges are based on the total formulation weight. The exact amount of any given formulation will depend on components, storage time etc...and can be determined by actual testing.

MADE IN THE U.S.A.

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