U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-567)
WASHINGTON, D.C. 20460

NOTICE OF PESTICIDE: ☒ REGISTRATION ☐ REREGISTRATION

(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

EPA REGISTRATION NO.	DATE OF ISSUANCE
46506-1	20 DEC 1984
TERM OF ISSUANCE	
NAME OF PESTICIDE PRODUCT: Bionox No. 1	

NAME AND ADDRESS OF REGISTRANT *(Include ZIP code)*

The Bionox Corporation
Southern Building
10 Southern Place
Clover, SC 29710

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 registration notice is being issued in accordance with Section 3(c)(7)(A) of the FIFRA subject to the following conditions.

(1) It is understood that you will submit and/or cite all data required for registration or re-registration of your product under Section 3(c)(5) of the FIFRA when the Agency requires all registrants of similar products to submit such data.

(2) You will submit five copies of your finished printed labels complying with the requirements or revisions specified in the attachment to this registration notice. These labels must be submitted to the Agency before the product is released for shipment as required by PR Notice 82-2, of June 18, 1982.

A stamped copy of the draft label(s) is enclosed for your records. Your release of the product for shipment constitutes acceptance of these conditions. If the conditions are not complied with, the registration will be subject to cancellation in accordance with Section 6(e) of the FIFRA.

A. E. Castillo
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

☑ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
	20 DEC 1984

EPA Form 8570-6 (Rev. 5-76) PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

ATTACHMENT TO EPA REGISTRATION NOTICE

EPA Registration No. 46506-1 Date Issued 2 [illegible] 84

Company Name The Bionox Corporation

Product Name Bionox No. 1

The following requirements or revisions apply to the label which was accepted with this registration notice:

1 An edited copy of the proposed label is enclosed indicating the revisions which must be made to your label to satisfy our requirements.

2 The registration number which has been assigned to this product must appear on the label as EPA Registration No. 46506-1.

3 An Establishment number, which is assigned by the Pesticide Enforcement Division must appear on the label or on the container for the pesticide. The Establishment number is separate and independent of the EPA Registration number assigned for this product.

4 Any collateral literature proposed for this product must be submitted for approval before it is circulated in channels of trade.

5 The labels which will be used for this product in channels of trade must reflect these revisions.

6 Five copies of the finished printed labels and operating instructions must be submitted to the Agency before the product is released for shipment as required by PR Notice 82-2 of June 18, 1982. Refer to the A-79 enclosure for a description of finished printed labeling.

7 The finished printed labels must comply with the general labeling requirements of Section 162.10 of Title 40 of the Code of Federal Regulations. If the label does not satisfy these requirements it will be rejected.

Recommended for RAPID DISINFECTION OF HARD, NON-POROUS SURFACES such as:

Stainless Steel	Glass
Chrome	Vinyl
Ceramic Surfaces	Floors
Walls	Bathrooms

and other flat surfaces when disinfection is necessary.

BIONOX No. 1 is recommended for both routine and emergency conditions (i.e., when large numbers of small articles must be disinfected rapidly in order to be re-used) such as when natural disasters occur or during military medical activities or when hospitals are overwhelmed with an unusual number of patients. However, it is not intended for use on humans.

AN IMPROVED, FAST-ACTING HYPOCHLORITE DISINFECTANT, when used as directed, corrosion is no longer a major factor in its use. However, delicate and expensive instruments should NEVER be left in contact with BIONOX longer than the exposure period of 10 minutes and should then be rinsed with clean water and dried.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN AND DOMESTIC ANIMALS

DANGER: Corrosive, causes eye damage and severe skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors.

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Mix only according to label directions. Mixing this product with organic matter (e.g. urine, feces, etc.) or chemicals (e.g. ammonia, acids, detergents, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

STORAGE AND DISPOSAL

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

(BIONOX NO. 1 LOGO)

DISINFECTANT FOR USE IN HOSPITALS, NURSING HOMES, AMBULANCES, VETERINARY HOSPITALS, FACTORIES, AND OTHER MEDICAL INSTITUTIONS

S O L U T I O N A

Active Ingredient:
Sodium Hypochlorite 0.5%
Inert Ingredients: 99.5%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF CONTACT WITH EYES OCCURS, flush with water for at least 15 minutes. Get prompt medical attention.

IF CONTACT WITH SKIN OCCURS, wash with plenty of soap and water.

IF SWALLOWED, drink large quantities of milk or gelatin solution. If these are not available, drink large quantities of water. DO NOT give vinegar or other acids. DO NOT induce vomiting. Get prompt medical attention.

See additional precautions on left panel.

EPA REG NO. EPA EST NO.

NET CONTENTS:

THE BIONOX CORPORATION
CLOVER, S.C. 29710

(Licensed from U.S. Navy under U.S. Patent No. 3,7171,580)

ACCEPTED
with COMMENTS
In EPA Letter Dated:

DEC [illegible] 1984

Under the Federal Insecticide, [illegible]

46506-1

DIRECTIONS FOR USE

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

BIONOX No. 1 is a mixture of two solutions. DO NOT USE SEPARATELY. Rapid disinfection occurs ONLY by use of equal volumes of solutions A and B which are to be used only with the BIONOX Spray Device obtainable from the BIONOX CORPORATION. Follow Device Operating Procedures for disinfection.

BIONOX No. 1 is applied as a spray from two containers, A and B. Container A is always filled with solution A (hypochlorite) and container B is always filled with solution B. AIR PRESSURE TO 60 psi is applied to a common header connecting the tanks. A hose from each tank is connected to a spray gun where mixing of the two solutions takes place as the mixture is sprayed on the surface(s) to be disinfected. The spray can be started and stopped as needed until all of the solutions have been used.

Solutions A and B are not mixed until they reach the spray gun. Therefore, they may remain in their respective tanks until completely used; however, to obtain the highest degree of disinfection, fresh solutions of BIONOX No. 1 should be used, particularly when three or more weeks elapse between periods of use. DO NOT USE ON FOOD CONTACT SURFACES.

MEDICAL INSTRUMENTS AND SMALL ARTICLES

After washing smaller articles and non-hinged instruments, such as clamps, scapels, forceps, pins and scissors, disinfect by placing in tray and spraying with BIONOX until completely covered with solution. After 10 minutes, aseptically remove, rinse with sterile distilled water and use. Items and articles with a lumen should not be disinfected in this manner.

SURFACE PREPARATION

BIONOX No. 1 must contact the microorganisms to be effective. Surfaces grossly soiled cannot be satisfactorily disinfected until such soil is removed. Soapy water wash followed by clean water rinse is recommended. Then the surface(s) should be thoroughly wetted with the mixed BIONOX solution and allowed to remain for NOT LESS THAN 10 minutes. Disinfected surfaces may then be rinsed if desired.

Recommended for RAPID DISINFECTION OF HARD, NON-POROUS SURFACES such as:

Stainless Steel	Glass
Chrome	Vinyl
Ceramic Surfaces	Floors
Walls	Bathrooms

and other flat surfaces when disinfection is necessary.

BIONOX No. 1 is recommended for both routine and emergency conditions (i.e., when large numbers of small articles must be disinfected rapidly in order to be re-used) such as when natural disasters occur or during military medical activities or when hospitals are overwhelmed with an unusual number of patients. However, it is not intended for use on humans.

AN IMPROVED, FAST-ACTING HYPOCHLORITE DISINFECTANT, when used as directed, corrosion is no longer a major factor in its use. However, delicate and expensive instruments should NEVER be left in contact with BIONOX longer than the exposure period of 10 minutes and should then be rinsed with clean water and dried.

STORAGE AND DISPOSAL

Do not reuse empty container.
Rinse empty container and discard in trash collection.

(BIONOX NO. 1 LOGO)

DISINFECTANT FOR USE IN HOSPITALS, NURSING HOMES, AMBULANCES, VETERINARY HOSPITALS, FACTORIES, AND OTHER MEDICAL INSTITUTIONS

S O L U T I O N B

This solution should be used as an activator with solution A only.

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA REG NO. EPA EST NO.

NET CONTENTS:

THE BIONOX CORPORATION
CLOVER, S.C. 29710

(Licensed from U.S. Navy under U.S. Patent No. 3,7171,580

ACCEPTED
with COMMENTS
In EPA Letter Dated:

DEC 20 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under

46506-1

DIRECTIONS FOR USE

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

BIONOX No. 1 is a mixture of two solutions. DO NOT USE SEPARATELY. Rapid disinfection occurs ONLY by use of equal volumes of solutions A and B which are to be used only with the BIONOX Spray Device obtainable from the BIONOX CORPORATION. Follow Device Operating Procedures for disinfection.

BIONOX No. 1 is applied as a spray from two containers, A and B. Container A is always filled with solution A (hypochlorite) and container B is always filled with solution B. AIR PRESSURE TO 60 psi is applied to a common header connecting the tanks. A hose from each tank is connected to a spray gun where mixing of the two solutions takes place as the mixture is sprayed on the surface(s) to be disinfected. The spray can be started and stopped as needed until all of the solutions have been used.

Solutions A and B are not mixed until they reach the spray gun. Therefore, they may remain in their respective tanks until completely used; however, to obtain the highest degree of disinfection, fresh solutions of BIONOX No. 1 should be used, particularly when three or more weeks elapse between periods of use. DO NOT USE ON FOOD CONTACT SURFACES.

MEDICAL INSTRUMENTS AND SMALL ARTICLES

After washing smaller articles and non-hinged instruments, such as clamps, scapels, forceps, pins and scissors, disinfect by placing in tray and spraying with BIONOX until completely covered with solution. After 10 minutes, aseptically remove, rinse with sterile distilled water and use. Items and articles with a lumen should not be disinfected in this manner.

SURFACE PREPARATION

BIONOX No. 1 must contact the microorganisms to be effective. Surfaces grossly soiled cannot be satisfactorily disinfected until such soil is removed. Soapy water wash followed by clean water rinse is recommended. Then the surface(s) should be thoroughly wetted with the mixed BIONOX solution and allowed to remain for NOT LESS THAN 10 minutes. Disinfected surfaces may then be rinsed if desired.

Recommended for RAPID DISINFECTION OF HARD, NON-POROUS SURFACES such as:

Stainless Steel	Glass
Chrome	Vinyl
Ceramic Surfaces	Floors
Walls	Bathrooms

and other flat surfaces when disinfection is necessary.

BIONOX No. 1 is recommended for both routine and emergency conditions (i.e., when large numbers of small articles must be disinfected rapidly in order to be re-used) such as when natural disasters occur or during military medical activities or when hospitals are overwhelmed with an unusual number of patients. However, it is not intended for use on humans.

AN IMPROVED, FAST-ACTING HYPOCHLORITE DISINFECTANT, when used as directed, corrosion is no longer a major factor in its use. However, delicate and expensive instruments should NEVER be left in contact with BIONOX longer than the exposure period of 10 minutes and should then be rinsed with clean water and dried.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN AND DOMESTIC ANIMALS

DANGER: Corrosive, causes eye damage and severe skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors.

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Mix only according to label directions. Mixing this product with organic matter (e.g. urine, feces, etc.) or chemicals (e.g. ammonia, acids, detergents, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

STORAGE AND DISPOSAL

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

Storage: Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water.

Disposal: Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container but place in trash collection.

(BIONOX NO. 1 LOGO)

DISINFECTANT FOR USE IN HOSPITALS, NURSING HOMES, AMBULANCES, VETERINARY HOSPITALS, FACTORIES, AND OTHER MEDICAL INSTITUTIONS

SOLUTION A

Active Ingredient:
Sodium Hypochlorite 0.5%
Inert Ingredients: 99.5%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF CONTACT WITH EYES OCCURS, flush with water for at least 15 minutes. Get prompt medical attention.

IF CONTACT WITH SKIN OCCURS, wash with plenty of soap and water.

IF SWALLOWED, drink large quantities of milk or gelatin solution. If these are not available, drink large quantities of water. DO NOT give vinegar or other acids. DO NOT induce vomiting. Get prompt medical attention.

See additional precautions on Side panels.

EPA REG NO. 46506-1 EPA EST NO. -2-

NET CONTENTS: 1 gal.

THE BIONOX CORPORATION
CLOVER, S.C. 29710

(Licensed from U.S. Navy under U.S. Patent No. 3,7171,580)

Entered for EPA 1/24/84

DIRECTIONS FOR USE

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

BIONOX No. 1 is a mixture of two solutions. DO NOT USE SEPARATELY. Rapid disinfection occurs ONLY by use of equal volumes of solutions A and B which are to be used only with the BIONOX Spray Device obtainable from the BIONOX CORPORATION. Follow Device Operating Procedures for disinfection.

BIONOX No. 1 is applied as a spray from two containers, A and B. Container A is always filled with solution A (hypochlorite) and container B is always filled with solution B. AIR PRESSURE TO 60 psi is applied to a common header connecting the tanks. A hose from each tank is connected to a spray gun where mixing of the two solutions takes place as the mixture is sprayed on the surface(s) to be disinfected. The spray can be started and stopped as needed until all of the solutions have been used.

Solutions A and B are not mixed until they reach the spray gun. Therefore, they may remain in their respective tanks until completely used; however, to obtain the highest degree of disinfection, fresh solutions of BIONOX No. 1 should be used, particularly when three or more weeks elapse between periods of use. DO NOT USE ON FOOD CONTACT SURFACES.

MEDICAL INSTRUMENTS AND SMALL ARTICLES

After washing smaller articles and non-hinged instruments, such as clamps, scapels, forceps, pins and scissors, disinfect by placing in tray and spraying with BIONOX until completely covered with solution. After 10 minutes, aseptically remove, rinse with sterile distilled water and use. Items and articles with a lumen should not be disinfected in this manner.

SURFACE PREPARATION

BIONOX No. 1 must contact the microorganisms to be effective. Surfaces grossly soiled cannot be satisfactorily disinfected until such soil is removed. Soapy water wash followed by clean water rinse is recommended. Then the surface(s) should be thoroughly wetted with the mixed BIONOX solution and allowed to remain for NOT LESS THAN 10 minutes. Disinfected surfaces may then be rinsed if desired.

Recommended for RAPID DISINFECTION OF HARD, NON-POROUS SURFACES such as:

Stainless Steel	Glass
Chrome	Vinyl
Ceramic Surfaces	Floors
Walls	Bathrooms

and other flat surfaces when disinfection is necessary.

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STORAGE AND DISPOSAL

Do not reuse empty container.
Rinse empty container and discard in trash collection.
Do not contaminate water, food or feed by storage or disposal.

Edited for EPA by NBL 12-14-87

(BIONOX NO. 1 LOCO)

DISINFECTANT FOR USE IN HOSPITALS, NURSING HOMES, AMBULANCES, VETERINARY HOSPITALS, FACTORIES, AND OTHER MEDICAL INSTITUTIONS

S O L U T I O N B

This solution should be used as an activator with solution A only.

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA REG NO. 46506-1 EPA EST NO.

NET CONTENTS: 1 gal.

THE BIONOX CORPORATION
CLOVER, S.C. 29710

(Licensed from U.S. Navy under U.S. Patent No. 3,7171,580

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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MEDICAL INSTRUMENTS AND SMALL ARTICLES

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SURFACE PREPARATION

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