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In Accordance with...
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BIONOX

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.

7-00000-1
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 contaminate food or feed by storage, disposal or cleaning of equipment.

Rinse empty container and discard in trash collection.

Do not contaminate water, food or food by storage or disposal.

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

SOLUTION 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. 39272

NET CONTENTS: 1 gal.

THE BIONOX CORPORATION
CLOVER, S.C. 29710

(Licensed from U.S. Navy under U.S. Patent No. 3,717,580)

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, scalpels, 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.

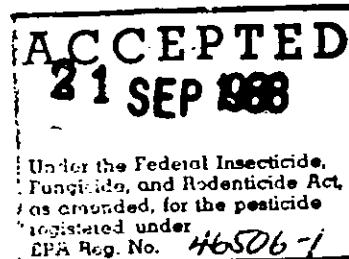
ACTIVE INGREDIENT: SODIUM HYPOCHLORITE (2857 PPM AVAILABLE CHLORINE) 0.6%
INERT INGREDIENTS 99.4%

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS
HAZARDOUS TO HUMAN AND DOMESTIC ANIMALS

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)



CAUSES EYE IRRITATION. AVOID CONTACT WITH EYES. WASH AFTER HANDLING. IN CASE OF CONTACT FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS IF CONTACT WITH SKIN OCCURS, WASH WITH PLENTY OF SOAP AND WATER.

AGRINOX MUST CONTACT MICROORGANISMS TO BE EFFECTIVE. SURFACES GROSSLY SOILED MUST HAVE SUCH SOIL REMOVED PRIOR TO DISINFECTION / STERILIZATION. THOROUGHLY WASH AND RINSE THE SURFACE(S). THEN, THOROUGHLY WET THE SURFACE(S) WITH MIXED AGRINOX SOLUTION AND ALLOW TO REMAIN FOR NOT LESS THAN 10 MINUTES FOR DISINFECTION AND NOT LESS THAN 20 MINUTES FOR STERILIZATION AT 20°C OR HIGHER. DISINFECTED SURFACES MAY BE RINSED IF DESIRED.

THIS PRODUCT HAS BEEN SHOWN TO KILL SALMONELLA CHOLERAESUIS, STAPHYLOCOCCUS AUREUS, PSEUDOMONAS AERUGINOSA, TRICHOPHYTON MENTAGROPHYTES IN 10 MINUTES AT 20°C, BACILLUS SUBTILIS AND CLOSTRIDIUM SPOROGENES IN 20 MINUTES AT 20°C AND THE FOLLOWING VIRUSES* AT 2 MINUTES AT 20°C: HERPES VIRUS 1&2, POLIOVIRUS 1&2, INFLUENZA A2 (HONG KONG), ADENOVIRUS-2, COXSACKIE VIRUS B5a, VACCINIA VIRUS, RHINOVIRUS, CYTOMEGALOVIRUS, ROTAVIRUS SA-11, AND RESPIRATORY SYNCYTIAL VIRUS.

THIS PRODUCT HAS BEEN SHOWN TO BE EFFECTIVE AS A SEED DISINFECTANT FOR THE CONTROL OF SUCH FUNGAL PATHOGENS/CONTAMINANTS AS: ASPERGILLUS SPECIES, FUSARIUM SPECIES (ESP. MONILIOFORME), HORMODENDRUM, PENICILLIUM, AND RHIZOPUS SPECIES. SEED GRAINS GENERALLY TREATED: CORN, MUNG BEAN, RICE, SORGHUM, SOYBEANS, WHEAT. ALFALFA, CLOVER, VETCH, CABBAGE, LUPINE, BARLEY, OATS, RYE, COTTON, PEANUTS, PINE, PEA, SUNFLOWER, SAFFLOWER, CELERY, ASPARAGUS, EGGPLANT, CAULIFLOWER, CUCUMBER, PEPPER, SUGAR BEET, TOMATO, WATERMELON, POPCORN, TOBACCO, CARROT. SEEDS MUST BE THOROUGHLY WET FOR 10 MINUTES AT 20°C.

EPA REG. NO.: 46506-1
NET CONTENTS: 1 GALLON

EPA EST NO.: 46781-CO-1

METREX RESEARCH CORPORATION
PARKER, CO 80134

AGRINOX Trademark of BIONOX CORPORATION, TUCSON, AZ 85715

(Licensed from U.S. Navy under U.S. Patent no. 3,717,580)

B10-CANLAB-1988-05

BACK PANEL - AGRINOX- SOLUTION A

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTANT WITH ITS LABELING.

RECOMMENDED FOR RAPID DISINFECTION OR STERILIZATION OF HARD, NON-POROUS SURFACES SUCH AS: STAINLESS STEEL, CHROME, CERAMIC, WALLS, GLASS, VINYL FLOORS. BATHROOMS, AND MEDICAL INSTRUMENTATION.

RECOMMENDED FOR SEED DISINFECTION TO CONTROL FUNGAL PATHOGENS/CONTAMINANTS ON A WIDE RANGE OF VEGETABLES AND FIELD CROPS.

AN IMPROVED, FAST-ACTING HYPOCHLORITE DISINFECTANT / STERILANT. WHEN USED AS DIRECTED, CORROSION IS NOT A MAJOR FACTOR. HOWEVER, DELICATE AND EXPENSIVE INSTRUMENTS SHOULD NEVER BE LEFT IN CONTACT WITH AGRINOX LONGER THAN THE EXPOSURE PERIOD OF 20 MINUTES FOR STERILIZATION, AND SHOULD BE RINSED WITH STERILE WATER AND DRIED.

PHYSICAL AND CHEMICAL HAZARDS - STRONG OXIDIZING AGENT MIX ONLY ACCORDING TO LABEL DIRECTIONS. MIXING THIS PRODUCT WITH ORGANIC MATTER OR CHEMICALS SUCH AS AMMONIA, ACIDS OR DETERGENTS WILL RELEASE CHLORINE GAS.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE FOOD OR FEED BY STORAGE, DISPOSAL OR CLEANING OF EQUIPMENT.

STORE IN A COOL, DRY AREA, AWAY FROM DIRECT SUNLIGHT AND HEAT. IN CASE OF SPILL, CLEAN WITH LARGE QUANTITY OF WATER. PRODUCT OR RINSATES SHOULD BE DILUTED WITH WATER AND RINSED DOWN DRAIN. DISPOSE OF CONTAINER IN TRASH. DO NOT REUSE.

AGRINOX IS A MIXTURE OF TWO SOLUTIONS. DO NOT USE SEPARATELY. RAPID DISINFECTION OR STERILIZATION OCCURS ONLY BY USE OF EQUAL VOLUMES OF SOLUTIONS A AND B WHICH ARE TO BE USED WITH THE SPRAY DEVICE OBTAINABLE FROM THE MANUFACTURER. FOLLOW DEVICE OPERATING INSTRUCTIONS. SOAK SOLUTION MAY BE PREPARED BY MIXING EQUAL VOLUMES OF SOLUTION A AND SOLUTION B IN A TRAY IN WHICH CLEAN INSTRUMENTS TO BE DISINFECTED / STERILIZED HAVE BEEN PLACED.

AGRINOX 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. MANUFACTURER'S DIRECTIONS FOR USE OF THE SPRAY DEVICE SHOULD BE CAREFULLY FOLLOWED.

THE MIXING OF THE TWO SOLUTIONS TAKES PLACE AS THE MIXTURE IS SPRAYED ON THE SURFACE(S) TO BE DISINFECTED / STERILIZED. AS A AND B ARE NOT MIXED UNTIL THEY REACH THE SPRAY NOZZLE, THEY MAY BE COMPLETELY EXPENDED FROM THEIR STORAGE TANKS. DO NOT USE ON FOOD CONTACT SURFACES.

SEED DISINFECTION OCCURS BEST WHEN SEEDS ARE TREATED WITH APPROXIMATELY 1419 PPM AVAILABLE CHLORINE FOR 10 MINUTES UNDER VACUUM OF APPROXIMATELY 30 IN. MERCURY, AT 20°C.

BACK PANEL - AGRINOX- SOLUTION BDIRECTIONS FOR USE

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RECOMMENDED FOR SEED DISINFECTION TO CONTROL FUNGAL PATHOGENS/CONTAMINANTS ON A WIDE RANGE OF VEGETABLES AND FIELD CROPS.

AN IMPROVED, FAST-ACTING HYPOCHLORITE DISINFECTANT / STERILANT. WHEN USED AS DIRECTED, CORROSION IS NOT A MAJOR FACTOR. HOWEVER, DELICATE AND EXPENSIVE INSTRUMENTS SHOULD NEVER BE LEFT IN CONTACT WITH AGRINOX LONGER THAN THE EXPOSURE PERIOD OF 20 MINUTES FOR STERILIZATION, AND SHOULD BE RINSED WITH STERILE WATER AND DRIED.

PHYSICAL AND CHEMICAL HAZARDS - STRONG OXIDIZING AGENT MIX ONLY ACCORDING TO LABEL DIRECTIONS. MIXING THIS PRODUCT WITH ORGANIC MATTER OR CHEMICALS SUCH AS AMMONIA, ACIDS OR DETERGENTS WILL RELEASE CHLORINE GAS.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE FOOD OR FEED BY STORAGE, DISPOSAL OR CLEANING OF EQUIPMENT.

STORE IN A COOL, DRY AREA, AWAY FROM DIRECT SUNLIGHT AND HEAT. IN CASE OF SPILL, CLEAN WITH LARGE QUANTITY OF WATER. PRODUCT OR RINSATES SHOULD BE DILUTED WITH WATER AND RINSED DOWN DRAIN. DISPOSE OF CONTAINER IN TRASH. DO NOT REUSE.

AGRINOX IS A MIXTURE OF TWO SOLUTIONS. DO NOT USE SEPARATELY. RAPID DISINFECTION OR STERILIZATION OCCURS ONLY BY USE OF EQUAL VOLUMES OF SOLUTIONS A AND B WHICH ARE TO BE USED WITH THE SPRAY DEVICE OBTAINABLE FROM THE MANUFACTURER. FOLLOW DEVICE OPERATING INSTRUCTIONS. SOAK SOLUTION MAY BE PREPARED BY MIXING EQUAL VOLUMES OF SOLUTION A AND SOLUTION B IN A TRAY IN WHICH CLEAN INSTRUMENTS TO BE DISINFECTED / STERILIZED HAVE BEEN PLACED.

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