

## DIRECTIONS FOR USE:

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

**BIONOX** is a mixture of two solutions. **DO NOT USE SEPARATELY.** **BIONOX** soaking solution must be used with **BIONOX TRAY SYSTEM.** Rapid sterilization or disinfection occurs **ONLY** by use of equal volumes of **SOLUTIONS A and B.**

**BIONOX** is a sterilant and disinfectant for use in ambulances, clinics, hospitals, and other health care facilities.

For complete sterilization and disinfection of medical instruments and equipment, thoroughly clean, rinse and rough dry objects before immersing in mixed **BIONOX** solution. Cleanse and rinse the lumens of all hollow instruments before filling with solution. Avoid entrapment of air bubbles.

Medical instruments and equipment should be placed in the **BIONOX** inner tray which has been removed from the outer tray. Pour equal amounts of **BIONOX SOLUTIONS A and B** into the outer tray. Place inner tray containing clean instruments into outer tray containing mixed solution. This should be done within approximately 2 minutes of mixing Solutions A & B.

**STERILIZATION:** Allow instruments to be sterilized to remain in contact with mixed **BIONOX** solution for not less than 20 minutes at room temperature (20°C/68°F) or higher. After 20 minutes, remove instruments or equipment from **BIONOX SOLUTION** using sterile technique and rinse thoroughly with sterile water.

**BIONOX** destroys resistant pathogenic spores as represented by *Clostridium sporogenes* and *Bacillus subtilis* in 20 minutes at room temperature (20°C/68°F) or higher.

**DISINFECTION:** To disinfect the surface of all mixed **BIONOX** solution and disinfect the surface of all mixed **BIONOX** solution. This should be done within 2 minutes of mixing Solutions A & B. After 2 minutes, remove instruments or equipment from **BIONOX SOLUTION** thoroughly.

## STORAGE AND DISPOSAL:

Store in a cool, dry place away from direct sunlight. Do not use if solution is cloudy or contains particles. After use, dilute with water and pour down drain. Do not reuse.



MANUFACTURED BY  
**METREX RESEARCH CORPORATION**  
Parker, CO 80134

## DIRECTIONS FOR ACTIVATING:

**BIONOX** is a mixture of two solutions. **DO NOT USE SEPARATELY.** **BIONOX** soaking solution must be used with **BIONOX TRAY SYSTEM.** Rapid sterilization or disinfection occurs **ONLY** by use of equal volumes of **SOLUTIONS A and B.** When **SOLUTIONS A and B** are mixed together active ingredient is measured as 2,857 ppm available chlorine (0.3% of the total solution). These ingredients will equal 99.7%. Total equals 100%.

**BIONOX** is an improved, fast-acting hypochlorite sterilant. Instruments need not be in contact with **BIONOX** longer than the exposure period of 20 minutes for sterilization and should be rinsed with sterile water and dried. Gradually over several hours, **BIONOX** solution breaks down to water with traces of sodium chloride.

**BIONOX** has been shown to kill *Salmonella choleraesuis*, *Staphylococcus aureus*, *Pseudomonas aeruginosa* and *Trichophyton mentagrophytes* in 10 minutes at 20°C and the following viruses\* in 3 minutes at 20°C: Herpes simplex virus 1 & 2, Parvovirus 1 & 2, Influenza A, HK, Adenovirus 2, Coxsackievirus B5a, Vaccinia virus, Rhinovirus, Cytomegalovirus, Rotavirus SA 11, and Respiratory Syncytial Virus. **BIONOX** completely inactivates the HIV-1 (AIDS) and Hepatitis B viruses when used in accordance with the directions for sterilization.

**BIONOX** is recommended for both routine and emergency conditions (i.e., when a large number of small articles must be sterilized or disinfected rapidly in order to be used) such as when natural disasters occur or during military medical activities. However, it is not intended for use on humans.

Recommended for rapid sterilization and disinfection of hard, non-porous surfaces such as:

- Stainless Steel, Ceramic, Vinyl, Floors, Glass
- Chromium, Aluminum, Bismuths, Medical Instrumentation

**NOT REVIEWED**  
Approved Bionoxims Medical Instrumentation

In Accordance with FR Notice 82-2.  
Based on Draft Labeling dated 4/28/89  
PRODUCT NO. MX-6000A

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D.C. 20535

THIS SOLUTION SHOULD BE USED WITH **BIONOX SOLUTION B ONLY**

EPA Reg. No. 46506-1-46781  
EPA Est. No. 46781-CO-1



Rapid Sterilizing Solution

1/2 46506-1 (11)-32

BEST AVAILABLE COPY

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# Rapid Sterilizing Solution

Sporicidal Bactericidal  
Virucidal Pseudomonacidal  
Tuberculocidal

NET CONTENTS: 1 GALLON

**Keep out of reach of children.**  
See right side panel for precautions.

THIS SOLUTION SHOULD BE USED WITH BIDNOX SOLUTION B ONLY

**CAUTION** - IRRITATING TO HUMANS AND DOMESTIC ANIMALS  
**Statement of Practical Treatment (First Aid):** Causes eye irritation. Avoid contact with eyes. If contact occurs, flush eyes with water. Get medical attention if irritation persists.  
AVOID CONTACT WITH SKIN AND CLOTHING.  
PRACTICE CAREFUL HANDLING AND STORAGE PROCEDURES.