

WAVICIDE-01

Concentrate

A STABLE, RAPID ACTING STERILIZING AND
DISINFECTING SOLUTION FOR HOSPITALS AND
DENTAL OFFICES

42 and 21 Day repeated re-use in manual (bucket and tray) systems for
disinfection.

RECOMMENDED FOR: Rubber, aluminum, plastic objects, lenses,
stainless steel instruments, burs, mirrors, dental tools and fiberscopes.

SPORICIDAL

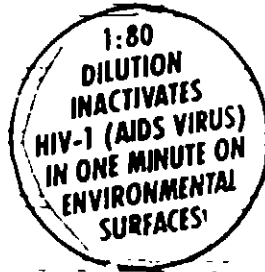
VIRUCIDAL*

TUBERCULOCIDAL**

PSEUDOMONACIDAL

BACTERICIDAL

FUNGICIDAL



ACTIVE INGREDIENT:
Glutaraldehyde (1,5 Pentanedial) 20.5%

INERT INGREDIENTS: 79.5%

NET CONTENTS: 13.53 oz (400cc)

E.P.A. Registration No. 15136-2

Manufactured by:
WAVE ENERGY SYSTEMS, INC.
E.P.A. Establishment No. 15136 NJ1
218 Little Falls Road
Cedar Grove, NJ 07009
(800) 252-1125

**DILUTE FOR STERILIZATION AND DISINFECTION
CAN BE USED IN ULTRASONIC TANKS**

*See box side panel
for HIV related
use information

**KEEP OUT OF REACH OF CHILDREN
DANGER: MAY BE FATAL
OR HARMFUL IF SWALLOWED**

See First Aid and other precautions on side panel



DIRECTIONS FOR USE

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

PREPARATION

Instruments should be thoroughly cleaned, rinsed and rough dried before immersing in
WAVICIDE-01. Hollow objects and needles should be flushed and filled.

STERILIZATION

To prepare a 2% sterilizing solution pour contents of both concentrate and corrosion inhibitor into
a 128 fl. oz. (one gallon) container and fill with distilled water.

Immerse objects to be sterilized in 2% active ingredient solution observing one of the following
sets of conditions: 5 hours contact time at 40°C (104°F) for single use or 10 hours contact time at
21°C (70°F) for re-use. Remove instruments from the solution using a sterile technique and rinse
thoroughly with sterile water. This procedure will also destroy the Hepatitis B virus (HBV). When
sterilizing at temperatures above 21°C (70°F), keep solution in covered containers or machine.
Do not open lid until solution has cooled to room temperature. At 21°C (70°F) the 2% Wavicide 01
can be used and re-used as a sterilant for up to 30 days in manual systems (bucket and tray).

DISINFECTION

To prepare a 0.5% disinfecting solution use 1 gallon of 2% sterilizing solution pour into tray and
add 3 gallons of potable water.

To prepare a 1% solution for disinfecting pour 1 gallon of 2% sterilizing solution into tray and add
1 gallon of potable water or pour half the content of a one gallon 2% sterilizing solution into
another gallon bottle and fill with potable distilled water.

Contact equipment, wares or objects by mop, spray or immersion with 0.5% active ingredient solu-
tion for 30 minutes at room temperature. After processing, instruments should be rinsed with water
that fulfills federal drinking water standards.

The 2% active ingredient solution will destroy vegetative organisms and pathogenic fungi
(Trichophyton mentagrophytes and Candida albicans).

* For virucidal action at room temperature use the 0.5% active ingredient solution to destroy
Herpes simplex types I and II, Rotavirus types A 11 and WA and Poliovirus types I and II, Influenza
virus type A/PR8, Rhinovirus type 1A, Respiratory Syncytial virus ATCC VR 26, and
Cytomegalovirus/Davis on inanimate surfaces.

** To destroy Mycobacterium tuberculosis at 10⁷ on inanimate surfaces use either the 2% ac-
tive ingredient solution for 42 days or the 0.5% active ingredient solution for 21 days by immers-
ing completely for 30 minutes. For single use of fresh 2% active ingredient solution at 20°C im-
merse for 10 minutes. Remove equipment from the solution and rinse thoroughly.

FOR CLEANING IN ULTRASONIC TANKS

The sterilizing (2%) or disinfecting (0.5%) solutions can also be used for pre-cleaning of instrument
in ultrasonic tanks. A 10 minute exposure in a high intensity cavitation field should be satisfactory
for pre-cleaning of most instruments. Solutions used for ultrasonic cleaning should be discarded
after each use.

STORAGE AND DISPOSAL

NOTE: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mix-
ture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use accord-
ing to label instructions or instructions on the product's material safety data sheet, contact your
state pesticide or environmental control agency, or the nearest EPA regional office for guidance.

Do not re-use empty container. Rinse thoroughly with water and dispose in trash. The product
should be stored at room temperature, preferably in a cool place. Do not contaminate water, food
or feed by storage or disposal.

DANGER

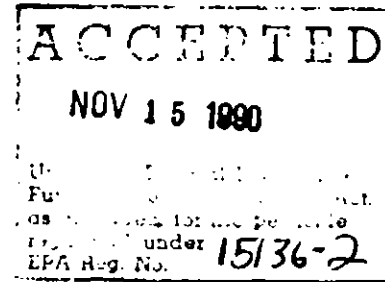
Causes eye damage or skin irritation. May be absorbed through the skin. Do not get in eyes, on
skin or clothing. Protect eyes and skin when handling. A possibility of sensitizing exists. Avoid con-
tamination of food. Use in a covered container to avoid evaporation and to minimize odor.

FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water. For eyes call physician. If
swallowed give a tablespoon of salt in a glass of warm water. Repeat until vomit is clear. Give milk
or egg white beaten in water. Call a physician immediately.

FOR PROFESSIONAL USE ONLY

See bottom for Expiration Date
and Lot Number



WAVICIDE-07

CORROSION INHIBITOR

Sodium Nitrite Solution

This solution will help protect metal instruments against corrosion when used as directed.

NET CONTENTS: 2 oz (60 cc)

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Cedar Grove, NJ 07009
(800) 252-1125

DIRECTIONS FOR USE

See Mixing Directions

STORAGE AND DISPOSAL

Do not re-use empty container. Rinse thoroughly with water and dispose in trash. This product should be stored at room temperature preferably in a cool place. Do not contaminate water, food, or feed by storage or disposal.

WARNING: HARMFUL

IF SWALLOWED

KEEP OUT OF REACH OF CHILDREN

ACCEPTED
NOV 15 1990
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 15136-2

BEST AVAILABLE COPY

WAVICIDE-01

WAVICIDE-01 Concentrate

DIRECTIONS FOR USE

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

PREPARATION

Instruments should be thoroughly cleaned, rinsed and rough dried before immersing in WAVICIDE-01. Hollow objects and needles should be flushed and filled.

STERILIZATION

Immerse objects to be sterilized in 2% active ingredient solution observing one of the following sets of conditions: 5 hours contact time at 40°C (104°F) for single use or 10 hours contact time at 21°C (70°F) for re-use. Remove instruments from the solution using a sterile technique and rinse thoroughly with sterile water. This procedure will also destroy the Hepatitis B virus (HBV). When sterilizing at temperatures above 21°C (70°F), keep solution in covered containers or machine. Do not open lid until solution has cooled to room temperature. At 21°C (70°F) the 2% Wavicide-01 can be used and re-used as a sterilant for up to 30 days in manual systems (bucket and tray).

DISINFECTION

Contact equipment, wares or objects by mop, spray or immersion with 0.5% active ingredient solution for 20 minutes at room temperature. After processing, instruments should be rinsed with water that fulfills federal drinking water standards.

This procedure will destroy vegetative organisms including *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli*, *Pseudomonas* species, *Klebsiella pneumoniae*, *Streptococcus mutans*, *Serratia marcescens*, *Mycoplasma pneumoniae*, and pathogenic fungi (*Trichophyton mentagrophytes* and *Candida albicans*).

* For virucidal action at room temperature, use the 0.5% active ingredient solution to destroy Herpes simplex types I and II, Rotavirus types SA 11 and WA, Poliovirus types I and II, Influenza virus type A/PR8, Rhinovirus type 1A, Respiratory syncytial virus ATCC VR 29, and Cytomegalovirus Davis on inanimate surfaces.

** To destroy *Mycobacterium tuberculosis* at 20°C on inanimate surfaces use either the 2% active ingredient solution for 42 days or the 0.5% active ingredient solution for 21 days by immersing completely for 30 minutes. For single use of fresh 2% active ingredient solution at 20°C immerse for 10 minutes. Remove equipment from the solution and rinse thoroughly.

STORAGE AND DISPOSAL

NOTE: 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 or instructions on this product's material safety data sheet, contact your state pesticide or environmental control agency, or the nearest EPA regional office for guidance.

Do not re-use empty container. Rinse thoroughly with water and dispose in trash. The product should be stored at room temperature, preferably in a cool place. Do not contaminate water, food or feed by storage or disposal.

DANGER

Causes eye damage or skin irritation. May be absorbed through the skin. Do not get in eyes, on skin or clothing. Protect eyes and skin when handling. A possibility of sensitization exists. Avoid contamination of food. Use in a covered container to avoid inhalation and to minimize odor.

FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water. For eyes, call physician. If swallowed, give tablespoon of salt in a glass of warm water. Resist urge to vomit. Do not breathe vapors. Give milk or egg white to soothe in water. Call physician immediately.

WAVICIDE-01 Concentrate

POTENTIATED GLUTARALDEHYDE FOR STERILIZATION/DISINFECTION FEATURES:

- 2-year shelf life.
- Can be used and re-used as a sterilant for up to 30 days.
- 42 days re-use for disinfection with 2% bovine serum and 2% active ingredient.
- 21 day re-use for disinfection with 2% bovine serum and 0.5% active ingredient.
- 0.25% active ingredient (1:80 dilution) in presence of 5% blood serum inactivates HIV-1 (AIDS virus) in one minute on environmental surfaces. See below.
- Single use fresh 2% active ingredient solution is bacteriocidal in 10 minutes at 20°C.

* WAVICIDE-01 is an effective virucidal agent against HIV-1 (AIDS virus) on hard, non-porous surfaces in the presence of a moderate amount of organic soil (5% blood serum) when used at 1:80 dilution (0.25% glutaraldehyde) for a contact time of at least 1 minute at room temperature (20°-25°C) as a previously unused (no re-use) solution.

KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS: in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surface/objects with blood or body fluids, and in which the surface/object likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS

PERSONAL PROTECTION: Disposable latex gloves should be worn by all personnel engaged in activities that may involve skin contact with potentially infectious fluids, tissues, or cultures. Gowns, masks, and eye covering devices will be needed if there is a risk of generating aerosols, splashes, or spills of potentially infectious materials.

CLEANING PROCEDURE: Blood and other body fluid contaminants must be thoroughly cleaned from surfaces and objects, before application of the disinfectant.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluid contaminants should be autoclaved and disposed of according to federal, state, and local regulations.

CONTACT TIME: Although efficacy at a 1 minute contact time has been shown to be adequate against HIV-1, this time would not be sufficient for other organisms. Therefore, other microorganisms use longer contact

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RECOMMENDED FOR: Rubber, aluminum, and plastic objects, lenses, stainless steel instruments, burs, mirrors, dental tools, and fiberscopes.

CAN BE USED FOR CLEANING IN ULTRASONIC BATHS

SPORICIDAL

VIRUCIDAL

TUBERCULOCIDAL

PSEUDOMONOCIDAL

BACTERICIDAL

FUNGICIDAL

ACCEPTED

15 1989

Under the Federal Food, Drug, and Cosmetic Act, this product is registered under

15136-2

1:80
DILUTION
INACTIVATES
HIV-1 (AIDS VIRUS)
IN ONE MINUTE ON
ENVIRONMENTAL
SURFACES!

See this side panel for HIV related use information.

ACTIVE INGREDIENT:
Glutaraldehyde (1.5 Pantonediol) 20.5%
INERT INGREDIENTS: 79.5%
E.P.A. REGISTRATION NO. 15136-2
NET CONTENTS: Concentrate—13.53 oz (400 cc)
Corrosion Inhibitor—2 oz (60 cc)

DILUTE FOR STERILIZATION AND DISINFECTION
INCLUDES CORROSION INHIBITOR

KEEP OUT OF REACH OF CHILDREN
**DANGER: MAY BE FATAL OR
HARMFUL IF SWALLOWED**

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