

**FOR USE AS A DISINFECTANT ON PRECLEANED NON-CRITICAL MEDICAL DEVICES, INSTRUMENTS AND IMPLEMENTS:**

Instruments must be thoroughly cleaned to remove excess organic debris, rinsed and dried. Thoroughly clean and rinse lumens of hollow instruments. Using either a tray or an ultrasonic unit, immerse instruments in Z<sup>3</sup> for 3 minutes at room temperature (69 °F/20 °C) for Tuberculocidal\*\* activity and effectiveness against *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Trichophyton mentagrophytes* and *Salmonella choleraesuis*.

Remove and rinse instruments. Wipe dry prior to use. Discard solution after each use.

<sup>1</sup> Non-critical medical devices are items that come in contact only with intact skin.

Note: Critical and semi-critical devices must be followed by appropriate terminal sterilization/high-level disinfection process.

Z<sup>3</sup> EFFECTIVELY KILLS HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (HIV), HEPATITIS B VIRUS (HBV), AND HEPATITIS C VIRUS (HCV) ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS IN HEALTHCARE SETTINGS OR OTHER SETTINGS IN WHICH THERE IS AN EXPECTED LIKELIHOOD OF SOILING OF INANIMATE SURFACES/OBJECTS WITH BLOOD/BODY FLUIDS, AND IN WHICH THE SURFACES/OBJECTS CAN BE ASSOCIATED WITH THE POTENTIAL FOR TRANSMISSION OF HIV-1, HBV, AND HCV.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV, AND HCV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUID:**

**Personal Protection:** Wear appropriate barrier protection such as protective gloves, gowns, masks or eye coverings.

**Cleaning Procedure:** Blood and other bodily fluids must be thoroughly cleaned from surfaces and objects before disinfection with Z<sup>3</sup>.

**Contact Time:** A contact time of 2 minutes is required for HIV-1, HBV and HCV. This contact time will not be sufficient for some of the organisms listed on the label. Refer to label for contact times against other organisms.

**Infectious Materials Disposal:** Cleaning materials used that may contain blood or other bodily fluids should be autoclaved and/or disposed of in accordance with local regulations for infectious materials disposal.

This product is not to be used as a terminal sterilant/ high-level disinfectant on any surface or instrument that (1) is introduced directly into the human

body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization/high-level disinfection.

**FIRST AID**

**If in eyes:** Hold eye 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 eye. Call a 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.

For emergency information on product, call Customer Service at 1-800-841-1428, Monday through Friday, between 6 a.m. and 4 p.m. Pacific Time. After 4 p.m., call Infotrac 24-Hour Emergency Service at 1-800-535-5053.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool place.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of according to applicable Federal, State, or local procedures.

**Container Disposal:** Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, keep out of smoke.

Distributed By:  
Benco Dental Supply Co.  
11 Bear Creek Blvd., Wilkes-Barre, PA 18702 70-7910-2



Reorder No: [ 3738-949 ]



**LICENSED**  
**PERIOD 2009-2011 LIC. NO.**

**LICENSED**  
**PERIOD 2012-2014 LIC. NO.**



**LICENSED**  
**PERIOD 2015-2017 LIC. NO.**

**8511.1**



**Surface Disinfectant/Decontaminant Cleaner**

**PRECAUTIONARY STATEMENTS**  
Hazards to Humans and Domestic Animals.

**CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse. See other panel for additional precautionary statements.

Physical or Chemical Hazards: Combustible. Do not use or store near heat or open flame.

EPA Reg. No. 46781-6-35659  
EPA Est. No. 46781-MI-1

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

For product information or technical information, contact Benco Dental at 1-800-GO-BENCO or visit our website, [www.benco.com](http://www.benco.com)

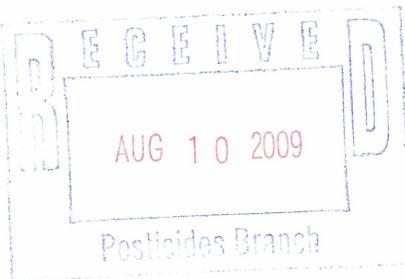
**NET CONTENTS:**  
**ONE GALLON (128 fl oz/3.8 liters)**

Ready-To-Use  
For Professional Use

- Bactericidal
- Virucidal\*
- Fungicidal
- Tuberculocidal\*\*

**ACTIVE INGREDIENTS:**

Diisobutylphenoxymethoxyethyl dimethyl benzyl ammonium chloride .....	0.28%
Ispopropanol .....	17.20%
<b>INERT INGREDIENTS:</b> .....	<b>82.52%</b>
<b>TOTAL</b> .....	<b>100.00%</b>



#### **EFFECTIVE AGAINST**

*Mycobacterium tuberculosis* var: *bovis* (BCG)\*\*

*Staphylococcus aureus*

*Pseudomonas aeruginosa*

*Salmonella choleraesuis*

*Trichophyton mentagrophytes*

Methicillin Resistant *Staphylococcus aureus* (MRSA)

Vancomycin Resistant *Enterococcus faecalis* (VRE)

Hepatitis B Virus (HBV)\*

Hepatitis C Virus (HCV)\*

Herpes Simplex Virus Types 1 and 2\*

Human Immunodeficiency Virus (HIV-1)\*

#### **DESCRIPTION**

Z<sup>3</sup> is a multi-purpose disinfectant/decontaminant cleaner for use on hard, non-porous inanimate surfaces.

It is useful in dental operatories, hospital operating rooms, surgical suites, patient care areas, laboratories, and other critical care areas where environmental control of cross contamination between treated surfaces is important.

Z<sup>3</sup> will effectively clean and disinfect, when used as directed, such items as: exterior surfaces of dental operatories, dental countertops, dental chairs, stools, exterior surfaces of dental curing lights, anesthesia machines and respiratory therapy equipment surfaces, sinks, walls, handrails and door knobs, which are made of plastic (i.e., polycarbonate, polypropylene, polyvinylchloride, polystyrene), and use sites listed on this label consisting of non-porous vinyl, stainless steel, painted surfaces, Plexiglas®, Formica® and glass.

#### **DIRECTIONS FOR USE**

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

#### **FOR PRECLEANING NON-INSTRUMENT SURFACES PRIOR TO DISINFECTION:**

Remove gross filth and heavy soil loads. Spray Z<sup>3</sup> directly onto surface. Allow to remain visibly wet for 30 seconds. Wipe surface using a towel.

#### **FOR PRECLEANING INSTRUMENTS PRIOR TO DISINFECTION:**

Remove gross filth and heavy soil loads.

#### **For use as a precleaning decontaminant immersion solution:**

Place instruments in a container with a sufficient amount of Z<sup>3</sup> so as to allow for complete submersion, cover and immerse for 10 minutes

at room temperature (69 °F/20 °C). Remove and rinse instruments. Follow with appropriate cleaning and disinfection process. Discard solution after each use.

**For use as a precleaning decontaminant spray:** Place instruments in a container. Spray Z<sup>3</sup> so as to thoroughly drench all instrument surfaces and allow to remain visibly wet for 30 seconds. Remove and rinse instruments. Follow with appropriate cleaning and disinfection process.

**For use as an ultrasonic precleaning solution:** Thoroughly rinse instruments under running water to remove visible gross debris. Add 1 ounce Z<sup>3</sup> per liter of water to ultrasonic unit. Immerse instruments in solution and activate ultrasonic unit for 5 minutes or longer, if necessary. Remove and rinse instruments. Follow with appropriate cleaning and disinfection process. Discard solution after each use.

**For use as a manual precleaner:** Thoroughly rinse instruments under running water to remove visible gross debris. Place instruments in a container with 1 ounce Z<sup>3</sup> per liter of water. Scrub instruments while submerged for 30 seconds using a stiff bristle brush until visibly clean. Remove and rinse instruments. Follow with appropriate cleaning and disinfection process. Discard solution after each use.

#### **FOR USE AS A VIRUCIDE\* ON NON-INSTRUMENT SURFACES, INCLUDING HIV-1, HBV AND HCV APPLICATIONS:**

Spray Z<sup>3</sup> directly onto precleaned surface, thoroughly wetting area to be treated. Allow surface to remain visibly wet for 2 minutes at room temperature (69 °F/20 °C).

#### **FOR USE AS A DISINFECTANT ON NON-INSTRUMENT SURFACES:**

Spray Z<sup>3</sup> directly onto precleaned surface, thoroughly wetting area to be disinfected. Allow surface to remain visibly wet for 3 minutes at room temperature (69 °F/20 °C) for Tuberculocidal\*\* activity and effectiveness against *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Trichophyton mentagrophytes* and *Salmonella choleraesuis*. Wipe surface using a towel or allow to air dry.

#### **FOR USE AS A VIRUCIDE\* ON PRECLEANED NON-CRITICAL MEDICAL DEVICES<sup>1</sup>, INSTRUMENTS AND IMPLEMENTS INCLUDING HIV-1, HBV AND HCV APPLICATIONS:**

Instruments must be thoroughly cleaned to remove excess organic debris, rinsed and dried. Thoroughly clean and rinse lumens of hollow instruments. Using either a tray or an ultrasonic unit, immerse instruments in Z<sup>3</sup> for 2 minutes at room temperature (69 °F/20 °C).





LICENSED

PERIOD 2012-2014 LIC. NO.



Department of Agriculture  
STATE OF HAWAII

LICENSED

PERIOD 2009-2011 LIC. NO.



Department of Agriculture  
STATE OF HAWAII

LICENSED

PERIOD 2015-2017 LIC. NO.

8511.1

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Distributed By:  
Benco Dental Supply Co.  
11 Bear Creek Blvd.,  
Wilkes-Barre, PA 18702

70-7924-2



Reorder No: [3738-958]



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EPA Reg. No. 46781-6-35659

EPA Est. No. 46781-MI-1

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

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NET CONTENTS: 24 fl oz (709 mL)



Ready-To-Use  
For Professional Use

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- Virucidal\*
- Fungicidal
- Tuberculocidal\*\*

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*Salmonella choleraesuis*

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