

**Buckeye Eco One-Step  
Disinfectant-Deodorizer-Cleaner**



Department of Agriculture  
STATE OF HAWAII  
**LICENSED**  
PERIOD 2011-2013 LIC. NO.

Department of Agriculture  
STATE OF HAWAII  
**LICENSED**  
PERIOD 2014-2016 LIC. NO.  
**9021.20**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER. CORROSIVE.** Causes irreversible eye damage and skin burns. Harmful if swallowed and/or if absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

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

For medical emergencies only, call 800-303-0441. Outside North America call 651-632-8956.



**Buckeye Eco One-Step  
Disinfectant-Deodorizer-Cleaner**

**Directions for use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. See carton insert for complete label instructions, Precautionary Statements and First Aid.

DILUTION 1:256 ½ ounce per gallon of water (886 ppm active)  
DILUTION 1:64 2 ounce per gallon of water (3390 ppm active)

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Pesticide Disposal:** 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, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.



**One-Step  
Disinfectant-Deodorizer-Cleaner**

**Buckeye Eco One-Step  
Disinfectant-Deodorizer-Cleaner**

**Cleaner-Sanitizer-Fungicide-Mildewstat-Virucide\*-Deodorizer  
for Hospitals, Institutional and Industrial Use**

Active Ingredients:

Octyl decyl dimethyl ammonium chloride .....	6.510%
Dioctyl dimethyl ammonium chloride.....	2.604%
Didecyl dimethyl ammonium chloride.....	3.906%
n-Alkyl (C <sub>14</sub> 50%, C <sub>12</sub> 40%, C <sub>16</sub> 10%) dimethyl benzyl ammonium chloride .....	8.680%
Other Ingredients: .....	78.300%
Total: .....	100.000%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

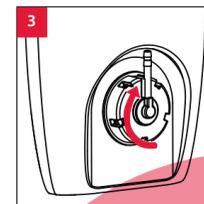
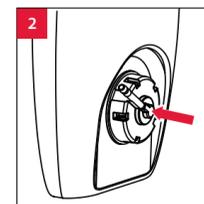
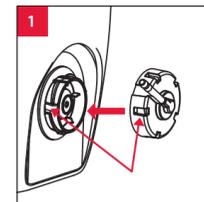
See side panel for Precautionary Statements and First Aid  
EPA Reg. No. 6836-78-559 EPA Est. No. 559-MO-1

**Buckeye International, Inc.**  
2700 Wagner Place • Maryland Heights • MO 63043 • USA  
314.291.1900

**Product # 60221400**  
**NET CONTENT 1.25 Liters (42.2 Ounces)**



**Buckeye Eco One-Step  
Disinfectant-Deodorizer-Cleaner**



**1.25 L Bag Yield Rate**

½ oz./gal (1:256) makes 84 end-use gallons, which is equivalent to:

21  
4-gallon mop buckets

Each 4x1.25L makes 336 end-use gallons

2 oz./gal (1:64) makes 21 end-use gallons, which is equivalent to:

84  
quarts

Each 4x1.25L makes 84 end-use gallons



Mfg. by  
**Buckeye International, Inc.**  
2700 Wagner Place • Maryland Heights • Missouri 63043 • USA  
314.291.1900 • www.buckeyeinternational.com



3720220 (5/11)



Product Reorder No.



## One-Step Disinfectant-Deodorizer-Cleaner

For Hospitals, Institutional and Industrial Use

Active Ingredients:

Octyl decyl dimethyl ammonium chloride.....	6.510%
Dioctyl dimethyl ammonium chloride.....	2.604%
Didecyl dimethyl ammonium chloride.....	3.906%
Alkyl (C <sub>14</sub> 50%,C <sub>12</sub> 40%,C <sub>16</sub> 10%) dimethyl benzyl ammonium chloride.....	8.680%
Other Ingredients:.....	78.300%
Total:.....	100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

EPA Reg. No. 6836-78-559 EPA Est. No. 559-MO-1

NET CONTENTS: 42.2 oz (1.25 L)



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### DIRECTIONS FOR USE

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#### **Preparation of Disinfectant Use-Solution:**

Add 1/2 oz. per gallon of water [1:256]. For heavy duty use, add 2 oz. per gallon of water [1:64].



Product Reorder No.



# Buckeye Eco One-Step Disinfectant-Deodorizer-Cleaner

## Cleaner-Sanitizer-Fungicide-Mildewstat-Virucide\*-Deodorizer for Hospitals, Institutional and Industrial Use

Effective in hard water up to 400 ppm hardness (calculated as CaCO<sub>3</sub>) in the presence of 5% serum contamination

**Active Ingredients:**

Octyl decyl dimethyl ammonium chloride.....	6.510%
Dioctyl dimethyl ammonium chloride.....	2.604%
Didecyl dimethyl ammonium chloride.....	3.906%
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride.....	8.680%
Other Ingredients: .....	78.30%
Total: .....	100.00%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See back panel for Precautionary Statements and First Aid

EPA Reg. No. 6836-78-559

EPA Est. No. 559-MO-1

NET CONTENTS: 1.25 Liters (42.2 Ounces)

**PELIGRO:** SI NO PUEDE LEER EN INGLÉS, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

Use **BUCKEYE ECO ONE-STEP DISINFECTANT-DEODORIZER-CLEANER** in Health Care Facilities, Nursing homes, Athletic facilities, Hotels, Colleges, Schools, Business and office buildings, Transportation terminals and Prisons as a disinfectant on hard, nonporous surfaces. Use the product on washable hard, nonporous surfaces of Bathroom fixtures, Chairs, Doorknobs, Floors, countertops, Garbage cans, Walls, and Other hard nonporous surfaces made of: Glazed Ceramic, Glazed porcelain, Metal, Laminated surfaces, and Plastic [such as polystyrene or polypropylene].

This product is a sanitizer for hard nonporous non-food contact surfaces according to the method for Sanitizers - Non-Food Contact Surfaces, modified in the presence of 500 ppm hard water plus 5% organic serum in 60 seconds against: *Klebsiella pneumoniae*, *Staphylococcus aureus*. This product eliminates 99.9% of *Staphylococcus aureus* and *Klebsiella pneumoniae* in 60 seconds.

**BUCKEYE ECO ONE-STEP DISINFECTANT-DEODORIZER-CLEANER** is a Hospital use disinfectant, Bactericidal according to the current AOAC Use-Dilution Test Method and Virucidal\* according to the virucidal qualification modified in the presence of 400 ppm hard water plus 5% organic serum against:

**Bacteria:**

*Pseudomonas aeruginosa* [*Pseudomonas*], *Staphylococcus aureus* [*Staph*], *Salmonella enterica* [*Salmonella*], *Acinetobacter baumannii* [*Acinetobacter*], *Brevibacterium ammoniagenes* [*Brevibacterium*], *Campylobacter jejuni*, Community Associated Methicillin-Resistant *Staphylococcus aureus* - [CA-MRSA] (NRS384) (USA300), Community Associated Methicillin-Resistant *Staphylococcus aureus* - [CA-MRSA] (NRS123) (USA400), *Enterobacter aerogenes*, *Enterococcus faecalis* [*Enterococcus*], *Enterococcus faecalis* - Vancomycin Resistant [VRE], *Escherichia coli* [*E. coli*], ESBL *Escherichia coli* - [Extended spectrum beta-lactamase producing *E. coli*], *Klebsiella pneumoniae* [*Klebsiella*], *Legionella pneumophila*, *Pseudomonas cepacia* [*Pseudomonas*], *Salmonella schottmuelleri* [*Salmonella*], *Salmonella typhi* [*Salmonella*], *Serratia marcescens* [*Serratia*], *Shigella dysenteriae* [*Shigella*], *Staphylococcus aureus* - Methicillin-Resistant [MRSA], *Staphylococcus aureus* - Multi-Drug Resistant, *Staphylococcus aureus* - Vancomycin Intermediate Resistant-[VISA], *Streptococcus pyogenes* [*Strep*] [a cause of scarlet fever], *Vibrio cholerae*

**Viruses:**

\*Adenovirus Type 5, \*Adenovirus Type 7, \*Hepatitis B Virus, \*Hepatitis C Virus, \*Herpes Simplex Virus Type 1, \*Herpes Simplex Virus Type 2, \*HIV-1 [AIDS Virus], \*Human Coronavirus, \*Influenza Virus Type A / Brazil, \*Norwalk Virus (Feline Calicivirus), \*Respiratory Syncytial Virus, \*Rotavirus, \*SARS Associated Coronavirus [cause of Severe Acute Respiratory Syndrome], \*Vaccinia Virus

**Fungi:**

*Aspergillus niger*, *Trichophyton mentagrophytes* [A cause of Ringworm of the foot]

Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).

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## **DIRECTIONS FOR USE**

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### **DILUTION**

Disinfection 1:256    ½ oz. per gallon of water    (886 ppm active)  
Disinfection 1:64    2 oz. per gallon of water    (3390 ppm active)  
Sanitizer    1:1024    ½ oz. per 4 gallons of water    (200 ppm active quat)

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected.

### **Preparation of Disinfectant Use-Solution:**

Add ½ oz. per gallon of water [1:256]. For heavy duty use, add 2 oz. per gallon of water [1:64]. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7.

### **DISINFECTION / VIRUCIDAL\* / FUNGICIDAL / MOLD AND MILDEW CONTROL DIRECTIONS:**

Apply use-solution to hard, nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion. Treated surfaces must remain wet for 10 minutes. Wipe dry with a cloth, sponge or mop or allow to air dry. For heavily soiled areas, a preliminary cleaning is required.

For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from the surface; rub with a brush, sponge or cloth. Do not breathe spray. Rinse all surfaces that come in contact with food such as countertops, exteriors of appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes.

**For fungicidal activity, BUCKEYE ECO ONE-STEP DISINFECTANT-DEODORIZER-CLEANER** is an effective fungicide against Trichophyton mentagrophytes [the athlete's foot fungus] in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. This product is a one-step fungicide at ½ oz. per gallon in 250 ppm hard water and 5% serum. At ½ oz. per gallon in 400 ppm hard water, **BUCKEYE ECO ONE-STEP DISINFECTANT-DEODORIZER-CLEANER** must be used on precleaned surfaces.

**For mold and mildew**, At ½ oz. per gallon, **BUCKEYE ECO ONE-STEP DISINFECTANT-DEODORIZER-CLEANER** will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, nonporous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

Prepare a fresh solution daily or more often if the use solution becomes visibly diluted or soiled.

This product is not for use on medical device surfaces.

### **TO CLEAN AND DEODORIZE:**

Mix ½ oz of **BUCKEYE ECO ONE-STEP DISINFECTANT-DEODORIZER-CLEANER** per gallon of water to clean and deodorize surfaces. Apply using a cloth, mop, sponge or sprayer. Wipe or allow to air dry.

**\*KILLS HIV AND HBV AND HCV 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 surfaces / objects with blood or body fluids, and in which the surfaces / objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) or Hepatitis B Virus (HBV) or Hepatitis C Virus (HCV).

### **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OR HBV OR HCV ON SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUIDS.**

**Personal protection:** Clean-up must always be done wearing protective gloves, gowns, masks and eye protection.

**Cleaning procedure:** Blood and other body fluids containing HIV or HBV or HCV must be thoroughly cleaned from surfaces and objects before application of **BUCKEYE ECO ONE-STEP DISINFECTANT-DEODORIZER-CLEANER**.

**Contact time:** Leave surface wet for 1 minute for HIV-1 and 10 minutes for HBV and HCV with ½ oz. per gallon use-solution. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7. Use a 10-minute contact time for disinfection against all other viruses, bacteria and fungi claimed.

**Disposal of infectious material:** Blood, body fluids, cleaning materials and clothing must be autoclaved and disposed of according to local regulations for infectious waste disposal.

### **TO SANITIZE NON-FOOD CONTACT SURFACES:**

Add ½ oz. of **BUCKEYE ECO ONE-STEP DISINFECTANT-DEODORIZER-CLEANER** per 4 gallons of water to sanitize hard nonporous surfaces. Treated surfaces must remain wet for 60 seconds. Wipe dry with a sponge, mop or cloth or allow to air dry. Do not use in food preparation, food handling and food storage areas. This product is not to be used on glassware, dishware, cookware or utensils.

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective (rubber or chemical resistant) gloves. Harmful if swallowed and/or if absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### **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 first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling poison control center or doctor or going for treatment. For medical emergencies only call 800-303-0441. Outside North America call 651-632-8956.

## **STORAGE AND DISPOSAL**

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