PERACEL® 15 (Peroxacyclic Acid Solution)康

PERACEL® 15 is a peracetic acid-based disinfectant and deodorant for the following:

- Institutional/Industrial Sanitizing
- Affluent Sanitizing
- Livestock Premises Sanitizing
- Poultry Fumigation
- Animal Housing Facilities
- Veterinary Clinics
- Laboratory Surfaces
- Industrial Facilities
- Office Buildings
- Recreation Facilities

Active Ingredients:

- Hydrogen Peroxide 22.0% EPA Reg. No.: 54239-4
- Peracetic Acid 15.0% EPA Estab. No. 54269-N-011

Insert Ingredients:

- Hydrogen Peroxide
- Peracetic Acid

Before Using This Product, Please Read This Entire Label Carefully.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

If in eyes: Hold eye open and rinse slowly with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.

If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes, covering all areas behind and in front of the contaminated area. If irritation or rash occurs, call a physician immediately.

If inhaled: Remove person to fresh air. If person is not breathing, provide artificial respiration. If breathing stops, call a physician immediately or give artificial respiration by mouth-to-mouth if available.

**PRECAUTIONARY STATEMENTS**

**DANGERS:**

- Do not mix with bleach.
- Do not use on aluminum or iron.
- Do not use on marble, stainless steel, or stone.
- Do not use on painted or coated surfaces.

**WARNINGS:**

- Use only as directed.
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**CAUTIONS:**

- Do not use on surfaces where prolonged exposure to water might occur.
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**FIRST AID:**

- If in eyes: Hold eye open and rinse slowly with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.
- If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes, covering all areas behind and in front of the contaminated area. If irritation or rash occurs, call a physician immediately.
- If inhaled: Remove person to fresh air. If person is not breathing, provide artificial respiration. If breathing stops, call a physician immediately or give artificial respiration by mouth-to-mouth if available.

**PHYSICAL AND CHEMICAL HAZARDS**

**STRONG OXIDIZING AGENT:** Corrosive. May react with water, causing possible injury to skin, eyes, and mucous membrane.

**HAZARDS TO HUMAN HEALTH**

**Hazard Class:** Non-toxic. Harmful if swallowed, inhaled, or absorbed through the skin. Caution: Do not mix or use this product with other disinfectants or cleaners.

**Hazardous Constituents:** Hydrogen peroxide, peracetic acid.

**Health Hazards:** Irritation of the eyes, skin, and respiratory tract. May cause burns and tissue damage.

**HAZARDS TO THE ENVIRONMENT**

**Disposal:** This product is non-flammable. Do not burn. Do not incinerate. May cause releasing of hazardous substances to the environment.

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### Bacterial, Virucidal, Fungicidal, Tuberculocidal

For use on hard, non-porous surfaces.

**Hard Surface Disinfection for use [only] with 3M™ Twist ‘n Fill™ System, 3M™ Twist ‘n Fill™ Portable Dispenser, 3M™ Twist III Fill™ Portable Dispensing System, 3M™ Portable Dispenser, 3M™ Portable Dispensing System.** Application PERACLEAN® 15 disinfects as it cleans in one operation. PERACLEAN® 15 can be used to disinfect floors, walls and other hard nonporous surfaces such as tables, chairs, countertops, bathroom fixtures, sinks, bed frames, doors, shelves, racks, cars, refrigerators, coolers, glazed tile, linoleum, vinyl, non-porous glazed porcelain, glazed ceramic, plastic (such as polypropylene and polyethylene), stainless steel, glass, aluminum, non-porous baked enamel, chrome, laminated or painted surfaces or sealed stone. PERACLEAN® 15 should not be used on marble or brass surfaces.

For health care, institutional, and industrial use.

Areas of use in hospitals: PERACLEAN® 15 may be used for surgical and obstetrical suites; housekeeping surfaces; physical therapy departments; nursing services; dental facilities; autory facilities; intensive care units; pharmacies; and clinical laboratories. Also, use PERACLEAN® 15 in nursing homes, other health-care facilities, schools, colleges, veterinary clinics, animal life science laboratories, industrial facilities, office buildings, recreational facilities, industrial facilities; hotels; retail facilities; office buildings; retail and wholesale establishments.

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 in 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 or high level disinfection.

The 3M™ Twist ‘n Fill™ system, 3M™ Twist ‘n Fill™ Portable Dispenser, 3M™ Twist III Fill™ Portable Dispensing System, 3M™ Portable Dispenser, 3M™ Portable Dispensing System will dilute PERACLEAN® 15 with the appropriate amount of water to an effective concentration of 1153ppm Peracetic acid and 1665ppm hydrogen peroxide (0.85 fl. oz per gallon of water). Apply solution with a cloth, mop, sponge, auto-scrubber, or hand pumped trigger sprayer such that all surfaces remain wet for 1 minute to kill bacteria, viruses, and fungi as cited on the label. Use a 3 minute contact time for Streptococcus pneumoniae, and Vancomycin-Resistant Enterococcus faecalis. Use a 10 minute contact time for Poliovirus Type 1 and Tuberculocidal activity. PERACLEAN® 15 is effective against Mycobacterium bovis (TB surrogates) at ambient temperature (22°C). Allow surface to air dry. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or more often if the use solution becomes visibly soiled or dulled.

This product is not for use on medical device surfaces.

### Bacteria

<table>
<thead>
<tr>
<th>Bacteria</th>
<th>Human viruses&lt;sup&gt;a&lt;/sup&gt;</th>
<th>Virus types</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acinetobacter baumannii ATCC 19606</td>
<td>Herpes simplex virus Type 1 ATCC VR-260</td>
<td>260</td>
</tr>
<tr>
<td>Clostridium perfringens ATCC 13134</td>
<td>Herpes simplex virus Type 2 ATCC VR-734</td>
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<tr>
<td>Community-associated MRSA, USA300 strain (CA-MRSA) CI 08001</td>
<td>Human immunodeficiency virus type 1</td>
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</tr>
<tr>
<td>Escherichia coli O157:H7 ATCC 35100</td>
<td>Human Influenza A-virus (A/Hong Kong/68-H2N2) SEPAFAR</td>
<td>35100</td>
</tr>
<tr>
<td>Kiebelsia pneumoniae ATCC 4352</td>
<td>Human Rotavirus ATCC VR-2018</td>
<td>4352</td>
</tr>
<tr>
<td>Listeria monocytogenes ATCC 11911</td>
<td>Poliovirus Type 1 ATCC 1592</td>
<td>11911</td>
</tr>
<tr>
<td>Methicillin-resistant Staphylococcus aureus (MRSA) ATCC 39392</td>
<td>Respiratory Syncytial Virus ATCC VR-26</td>
<td>39392</td>
</tr>
<tr>
<td>Methicillin-resistant Staphylococcus epidermidis (MSS) ATCC 51265</td>
<td>Rhinovirus Type 27 ATCC 1147</td>
<td>51265</td>
</tr>
<tr>
<td>Mycoplasma bovis (TB surrogates) (Organism Telsa Corp) ATCC VR-196</td>
<td>Vaccinia virus ATCC VR-196</td>
<td>196</td>
</tr>
<tr>
<td>Pseudomonas aeruginosa ATCC 15442</td>
<td>Human Coronaviruses strain 239e ATCC VR-740</td>
<td>15442</td>
</tr>
<tr>
<td>Salmonella enterica ATCC 10708</td>
<td>Bovine viral diarrhea virus (Human Hepatitis C surrogate) (American Biosource Laboratories)</td>
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</tr>
<tr>
<td>Salmonella enterica serovar Typhi (MRA ATCC 13311)</td>
<td>Duck hepatitis B virus (Human Hepatitis B surrogate) (Heipani Virus Testing)</td>
<td>13311</td>
</tr>
<tr>
<td>Serratia marcescens ATCC 13880</td>
<td>Feline calicivirus (Norovirus surrogate) (University of Ottawa)</td>
<td>13880</td>
</tr>
</tbody>
</table>

### Peraclean® 15

PERACLEAN® 15 is effective against the following organisms in 1 minute with 5% organic soil load and 4000ppm hard water: For use on hard, non-porous surfaces.

- **Contact time is increased to 10 minutes to be effective against Poliovirus Type 1 and Mycobacterium bovis (TB surrogate).**
- **Contact time is increased to 3 minutes to be effective against Streptococcus pneumoniae and Vancomycin resistant Enterococcus faecalis (VRE) (VRE).**

### OR

Kills HIV-1 (AIDS Virus), 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 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), Hepatitis B Virus, or Hepatitis C Virus. Special Instructions for cleaning and decontamination against HIV-1 (AIDS Virus), HBV, and HCV of surfaces/objects soiled with blood/body fluids. Personal Protection: Disposable protective gloves, gowns, face masks, or eye coverings as appropriate must be worn during all cleaning of body fluids, blood and decontamination procedures. Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application. Contact Time: HIV-1, HBV, and HCV are inactivated after 1 minute of contact.

Infectious material: Blood and other bodily fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

### Storage and Disposal

**Storage and Disposal**

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

**PECISTIOCE STORAGE:** Store in original containers in a cool, well-ventilated area, away from direct sunlight. Do not allow product to contaminate water. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

**PECISTIOCE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Responsible at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container.

**Containers less than 5 gallons:**

- Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the fill begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal.
- Drain for 10 seconds after the fill begins to drip. Repeat this procedure two more times.

**Containers greater than 5 gallons:**

- Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container 1/2 full with water. Water and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip back and forth for the several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or dispose in a sanitary landfill, or by incineration, if allowed by state and local authorities by burning.