P-4D is a hospital-grade disinfectant that delivers fast, effective cleaning performance with the power of peroxide. With a fantastic fresh scent, P-4D leaves the room bright and clean, germ-free, and smelling clean! Effective against a broad range of bacteria and viruses, P-4D economically and safely disinfects and deodorizes. P-4D is the right choice for a clean and healthy environment.

EPA Registration Number: 1839-224-5741
**SAFETY:** For institutional and industrial use only. Be sure to read all directions, precautionary and first aid statements on product labels before using this or any other Spartan product. If questions remain, consult your employer or a physician. Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor and at www.spartanchemical.com. Workplace labels are available in English, Spanish, and French.

**GUARANTEE:** Spartan's modern manufacturing and laboratory control ensures uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within 12 months of the date of manufacture.

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**FEATURES & BENEFITS**

- Disinfects and removes urine odors
- Kills a broad spectrum of bacteria and viruses
- Powers through common grease, dirt, and grime with the power of peroxide
- Use on washable, hard, non-porous surfaces*
- Bleach-free with no rinsing required
- Concentrate delivers economical performance
- Do not use on brass, marble, or other acid-sensitive surfaces. Do not use with metal drum or pail pumps.

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**EFFECTIVENESS DATA**

This product contains hydrogen peroxide. This product must not be mixed or stored with products containing ammonia and bleach, or other reducing and oxidizing agents. Contact with metals, metal ions, wood dust, or wood shavings may cause product decomposition.

**VIRUCIDAL ACTIVITY**

- Virucidal in 1 minute against Human Immunodeficiency Virus Type 1 (Strain HTLV-IIIB) at 2 oz. per gallon (equivalent use dilution) in 200 ppm hard water (calculated as CaCO₃) plus 5% organic blood serum.
- Virucidal in 10 minutes against Influenza Type A and Hepatitis C Virus (HCV) at 2 oz. per gallon (equivalent use dilution) in 200 ppm hard water (calculated as CaCO₃) plus 5% organic blood serum.
- Virucidal in 10 minutes against Hepatitis B Virus at 6 oz. per gallon (equivalent use dilution) in 200 ppm hard water (calculated as CaCO₃) plus 5% organic blood serum.

**BACTERICIDAL ACTIVITY**

This product is an effective bactericide against *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Salmoneella enterica*, Methicillin resistant *Staphylococcus aureus* (MRSA), Community Associated Methicillin resistant *Staphylococcus aureus*, Genotype USA 300, Community Associated Methicillin resistant *Staphylococcus aureus*, Genotype 400, *Escherichia coli* and *Escherichia coli O157:H7* at 2 oz. per gallon (or equivalent) dilution on hard, non-porous, non-food contact surfaces in 10 minutes.

**MILDEWSTAT ACTIVITY**

At a 2 oz. per gallon dilution 200 ppm hard water and 5% organic blood serum, this product will control mildew (*Aspergillus niger* (ATCC 6275)) on pre-cleaned, hard, non-porous surfaces.

**SANITIZATION OF NON-FOOD CONTACT SURFACES**

P-4D is an effective sanitizer against *Staphylococcus aureus* (Staph) (ATCC 6538) and *Enterobacter aerogenes* (ATCC 13048). Allow surface to remain visibly wet for 30 seconds.

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**SPECIFICATION DATA**

<table>
<thead>
<tr>
<th>Data Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dilution</td>
<td>2 oz/gal</td>
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<tr>
<td>pH</td>
<td>2.0 – 3.0</td>
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<tr>
<td>Color</td>
<td>Indigo</td>
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<tr>
<td>Fragrance</td>
<td>Light, Fresh</td>
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<tr>
<td>Specific Gravity @ 24°C/75°F</td>
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<tr>
<td>Stability: Shelf @ 24°C/75°F</td>
<td>1 year minimum</td>
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<tr>
<td>Stability: Accelerated @ 49°C/120°F</td>
<td>60 days minimum</td>
</tr>
<tr>
<td>Stability: Freeze/Thaw</td>
<td>Will withstand 3 cycles</td>
</tr>
<tr>
<td>EPA Registration Number</td>
<td>1839-224-5741</td>
</tr>
</tbody>
</table>

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**RECOMMENDED FOR USE IN**

- Restrooms
- Education and office buildings
- Athletic facilities
- Longterm care facilities
- Daycare centers
- Airports
- Correctional facilities
- Hospitality and lodging

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**ADDITIONAL RESOURCES**

Scan the QR code to access this product’s safety information and documentation.

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www.spartanchemical.com • 1-800-537-8990 • 1110 Spartan Drive, Maumee, OH 43537

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