# MICROBAN 24® Sanitizer

Microban 24® sanitizer is an EPA approved aerosol sanitizer that provides 24-hour protection against bacterial growth on hard surfaces. Microban 24 also provides antifungal protection for up to 7 days on hard surfaces and 28 days on fabric. Microban 24 does not contain bleach, phosphates or nonylphenol ethoxylates and complies with VOC regulations in all 50 states.

| Concentration | Ready to Use |
|---|---|
| **Size** | 15 oz net weight |
| **Active** | 0.20% Quaternary Ammonium Compounds |
| **Propellant** | Nitrogen (120 psig) |
| **pH** | 8.5 - 9.5 |
| **Fragrance Options** | Citrus, Fresh, Lemon, Lemon Lime, Crisp Linen, Clean, Lavender, Orange, Tangerine, Spring Garden and Mint *Additional descriptors available* |
| **Storage** | Store in original container in areas inaccessible to small children. Do not puncture or incinerate. |

**Microban 24 vs Leading Disinfectant after Multiple Touches***

PROTECTION THAT LIVES ON MICROBAN

Bacteria recovered from surface treated with Microban 24 after 48 touches.

Bacteria recovered from a surface treated with a leading disinfectant after 48 touches.

## Disinfection

| Contact Time | Bacteria |
|---|---|
| **1 minute** | *Pseudomonas aeruginosa* |
| | *Salmonella enterica* |
| | *Staphylococcus aureus* |
| | *Escherichia coli* O157:H7 |
| | *Enterobacter aerogenes* |
| | *Listeria monocytogenes* |
| | Methicillin Resistant *Staphylococcus aureus* - MRSA |
| | *Streptococcus pyogenes* |
| | **Viruses** |
| **1 minute** | Human Coronavirus |
| | Herpes Simplex virus type 1 |
| | Herpes Simplex virus type 2 |
| | Influenza A H1N1 [2009 H1N1] |
| | Respiratory Syncytial Virus [RSV] |
| | Human Immunodeficiency virus type 1 [(HIV-1)] |
| | Hepatitis B virus (Duck Hepatitis B surrogate) |
| | Hepatitis C virus (Bovine Viral Diarrhea virus surrogate) |
| **5 minutes** | Rotavirus |
| | Rhinovirus [type 39] |
| | Norovirus (Feline Calicivirus as surrogate) |
| | **Fungi** |
| **5 minutes** | *Trichophyton interdigitale* |
| | *Aspergillus niger* |

## Sanitization

| Contact Time | Hard, Non-porous Non-Food Contact Surfaces |
|---|---|
| **10 seconds** | *Enterobacter aerogenes* |
| | *Staphylococcus aureus* |
| | **24 Hours Residual Sanitization** |
| **5 minutes** | *Enterobacter aerogenes* |
| | *Staphylococcus aureus* |
| | **Soft Surface [Spot] Sanitization** |
| **1 minute** | *Enterobacter aerogenes* |
| | *Staphylococcus aureus* |

## Mildew Fungistat

| Duration | Hard Surfaces |
|---|---|
| **7 days** | *Aspergillus niger* |
| | **Fabric** |
| **28 days** | *Aspergillus niger* |
| | *Penicillium variabile* |