



# Thymox Multisurface

AUST L 400439

# Thymox PDS

AUSSL 400439



A powerful solution for all disinfection and cleaning needs, made with thymol, a botanically derived active ingredient that shines in a herbal scent.



**Thymox** is a highly versatile hospital-grade disinfectant designed to excel in various settings, including disaster restoration, healthcare, residential, commercial, and industrial environments. With its unique formulation, Thymox simplifies the cleaning process by providing comprehensive

capabilities in a single step: cleaning, sanitising, disinfecting, and deodorising. It stands out particularly due to its remarkable safe-in-use profile. Enabling efficient disinfection and decontamination around sensitive and health compromised people. Furthermore Thymox prioritizes environmental friendliness, meeting all eco-label requirements. This outstanding profile has also made it a popular choice in the fields of animal health and biosecurity.

## Recommended applications

Thymox is highly effective on most hard and soft surfaces including furniture, bedding, carpet, timber, floors & walls, bench tops, appliances, equipment, windows, metals, glazed porcelain, steel, brass, aluminium, sealed concrete, polystyrene, plastic, polypropylene & PVC.

## Benefits

- Botanically derived active ingredient.
- Kills 99.9% of germs, viruses, fungi & moulds.
- No Rinse Required.
- Effective in cleaning, disinfection, decontamination and odour control.

## PRODUCT SPECIFICATIONS

**Product code:** AP605

**pH:** between 4.0 and 6.0

**Fragrance:** Natural Herbal Scent

**Pack Size:** 750mL, 5Lt & 20Lt



### FAST-ACTING

Rapid pathogen kill rates.



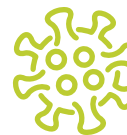
### 4-in-1

Replaces numerous products. Thymox can disinfect + sanitise + clean + deodorise



### SAFE

Safe for everyday use. Botanically derived



### KILLS 99.99% OF GERMS

- VIRUSES: HIV-1, Swine Influenza A, H1N1, RSV, SARS Cov-2
- BACTERIA
- FUNGI & MOULDS
- NOROVIRUS



### VERSATILE

Compatible with foggers and sprayers



### INTERNATIONAL REGISTRATIONS

- TGA - Hospital Grade Disinfectant AUSSL 400439
- Health Canada
- EPA Environmental Protection Agency



| TEST MICROORGANISMS   | EXPOSURE TIME | RESULTS                            |
|---|---------------|------------------------------------|
|   |               | CARRIER POPULATION CONTROL RESULTS |
| Pseudomonas aeruginosa ATCC 15442                           | 2 min         | 6 Log Reduction                    |
| Salmonella enterica ATCC 10708                              |               | 4 Log Reduction                    |
| Staphylococcus aureus ATCC 6538                             |               | 6 Log Reduction                    |
| Escherichia coli ATCC 11229                                 | 2 min         | 4 Log Reduction                    |
| Escherichia coli O157:H7 ATCC 35150                         | 2 min         | 5 Log Reduction                    |
| Methicillin-Resistant Staphylococcus aureus MRSA ATCC 33592 | 2 min         | 6 Log Reduction                    |
| Vancomycin-Resistant Enterococcus faecalis VRE ATCC 51575   | 2 min         | 5 Log Reduction                    |
| Listeria monocytogenes ATCC 18117                           | 2 min         | 5 Log Reduction                    |
| Klebsiella pneumonia - NDM-1 positive CDC 1000527           | 2 min         | 5 Log Reduction                    |
| Streptococcus suis ATCC 43765                               | 2 min         | 5 Log Reduction                    |

| TEST MICROORGANISMS                                      | EXPOSURE TIME | RESULTS                            |
|--|---------------|------------------------------------|
|  |               | CARRIER POPULATION CONTROL RESULTS |
| Swine Influenza A H1N1 ATCC VR-333                       | 1 min         | 5 Log Reduction                    |
| Human Immunodeficiency Virus type 1                      |               | 3 Log Reduction                    |
| Human Coronavirus ATCC VR-740                            |               | 3 Log Reduction                    |
| Severe Acute Syndrome-Related Coronavirus 2 (SARS-CoV-2) |               | 3 Log Reduction                    |
| Feline Calicivirus as a surrogate for Norovirus          | 4 min         | 3 Log Reduction                    |
| Trichophyton mentagrophytes ATCC 9533                    | 3 min         | 4 Log Reduction                    |
| Candida albicans ATCC 10231                              | 3 min         | 6 Log Reduction                    |
| Human Rotavirus  | 3 min         | 3 Log Reduction                    |

## DIRECTIONS

### DISINFECTION

Spot test to check compatibility with the surface.

For use on hard nonporous surfaces. Spray to thoroughly wet the surface to be disinfected.

Surface must remain wet for 1 minute to kill viruses, 2 minutes to kill bacteria, 3 minutes to kill fungi and Human Rotavirus, and to disinfect Norovirus, let stand for 4 minutes. Allow to air dry. If desired, wipe dry.

Repeat for reliable disinfection on grossly soiled surfaces.

### CLEANING & DEODORISING

Spray the product on surface and wipe clean. To remove heavy soil let stand a few minutes and wipe clean. For soft surfaces; spray to wet surface and wipe or blot to clean.

### ELECTROSTATIC SPRAYING

This product can be applied effectively with a ULV fogger as a supplement to normal cleaning procedures on restoration and remediation projects in confined, vacant areas of schools, healthcare facilities and in HVAC systems.

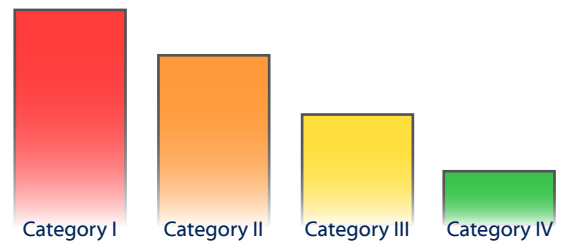
# Why Thymox?



| 1. BEST FORMULATION   | 2. BEST TECHNOLOGY  | 3. BEST APPLICATION  |
|---|---|--|
| <ul style="list-style-type: none"> <li>Botanically derived and hospital grade disinfectant, highly stable formula.</li> <li>Corrosion is virtually non-existent, almost any material can be treated.</li> </ul> | <ul style="list-style-type: none"> <li>Efficacy against a very broad range of important human pathogens, including SARS CoV 2.</li> <li>Lowest EPA toxicity level (category IV) no worries around kids and pets.</li> <li>Effective on textiles &amp; fabrics.</li> </ul> | <ul style="list-style-type: none"> <li>Lowest contact times allow consumers to use surfaces rapidly after spray.</li> <li>It replaces many different types of toxic common cleaners.</li> <li>No need to rinse or wipe, for non-food contact surfaces. Spray and walk away.</li> </ul> |

## ACTIVE INGREDIENT LOWEST TOXICITY

| PRODUCT ACTIVE                | TOXICITY CATEGORY |
|-------------------------------|-------------------|
| Thymox                        | IV                |
| Accelerated Hydrogen Peroxide | III or IV         |
| Quaternary Ammonium Compounds | II or III         |
| Bleach                        | I                 |



| Chlorine Bleach   | Quaternary   | Hydrogen peroxide  | Thymox   |
|---|--|--|--|
| <ul style="list-style-type: none"> <li>Caustic and irritating.</li> <li>Can corrode metals and damage fibres and fibres dyes.</li> <li>Unstable and readily emits toxic fumes.</li> <li>Can cause sever skin and eye damage.</li> </ul> | <ul style="list-style-type: none"> <li>Strongly irritating.</li> <li>Can cause allergies and asthma.</li> <li>Can lead to antimicrobial resistance.</li> <li>Ineffective against TB.</li> <li>Affected by organic matter.</li> </ul> | <ul style="list-style-type: none"> <li>Long term stability is an issue.</li> <li>Decomposition can release gases.</li> <li>Can cause corrosion on surfaces.</li> <li>Can cause skin &amp; eye damage.</li> </ul> | <ul style="list-style-type: none"> <li>No signal words, first aid or special handling directions.</li> <li>No evacuation of building occupants required.</li> <li>No rinsing or wiping required - except on direct food contact surfaces.</li> <li>Non-abrasive and non-corrosive.</li> <li>Neutral pH.</li> <li>TGA Hospital Grade Disinfectant listing.</li> </ul> |

# Thymox - A Complete Guide to the Use and Application



## Application Method Notes

### Trigger Spray or Direct Pour

Apply Thymox solution direct to the surface. Spread over the affected area. Do not over-wet. Allow to air dry. A correctly treated surface will dry in 5-10 minutes. COVID-19 disinfection requires a 1-minute dwell time, 2-minutes for Bacterial, 3-minutes for fungi & Human Rotavirus and 4-minutes for Norovirus.

### Clean and Disinfect (1 Step)

If the surface is not grossly dirty, clean and disinfect in one step using Thymox solution using the process described above.

### Clean First then Disinfect (2 Steps)

If the surface has gross filth or has been subject to bio-contamination by blood or body fluids, it must be cleaned first. The initial clean can be done with Thymox solution.

Once the surface is clean, then perform the disinfecting step using Thymox solution using the process described above.

### Mist Spray and Fogging

Large area disinfecting can benefit from the use of mist spray or fogging equipment. This process provides an effective means of getting disinfectant solution to every surface in an area.

### Mist Spray

Apply Thymox through a pump-up pressure sprayer. Use a fine mist and avoid over-wetting. Allow to air dry. A correctly treated surface will dry in 20-40 minutes. If desired surfaces can be wiped dry after 10 minutes. Note – ensure the area being treated is not inhabited, and water sensitive materials are removed. It is not necessary to turn off air conditioning systems however some circumstances may require this.

### Electrostatic Spraying

Fog Thymox through cold/wet fogging equipment. Avoid over-wetting. Pools and runs should not be visible. Use suitable respiratory protection (Filter type Type A Class 1 or 2 or Filter type CF22 A2). A correctly treated surface will dry in 20-40 minutes. If desired surfaces can be wiped dry after 10 minutes. Note – ensure the area being treated is not inhabited, and water sensitive materials are removed. It is not necessary to turn off air conditioning systems however some circumstances may require this.

### Rinsing Vs. Air-drying Vs. Wiping

Surfaces which are visibly clean can be wiped dry or air dried. Air drying provides a convenient way to achieve recommended dwell times. Wiping surfaces with a cloth pre-moistened with Thymox, dislodges body oils and grime and provides the very best disinfection outcome. Ensure surfaces left to air dry do not take longer than 40 minutes in occupied areas, 10 minutes in occupied areas and will not be a slip or other hazard to personnel in the area.

# Thymox - A Complete Guide to the Use and Application



## Flooring

For general purpose floor cleaning and sanitising use the following procedure.

1. Apply Thymox using a mop bucket, flat mop system or autoscrubber.
2. Allow to air dry. A correctly treated surface will not take longer than 10 minutes to dry.

## Surface Compatibility

When used as directed, Thymox is safe on virtually all water cleanable hard surfaces. However, please note the following points;

Carpets, fabrics and leather are also treated successfully with Thymox, however it is recommended to pretest for chemical or moisture sensitivity.

Brass & Non-ferrous metals can be affected by chemical solutions. Pretesting for chemical sensitivity is recommended. Take extra care and wipe dry. Do not allow to air dry.

Electronics can be affected by chemical solutions. Pretesting for chemical sensitivity is recommended. Do not spray directly onto electronics. Use a premoistened cloth.

## Food Preparation Areas

All the ingredients in Thymox are classified as food safe. It is safe to use in food preparation facilities however food must be removed or carefully protected prior to using Thymox. Surfaces which have direct food contact (eg cutting boards) must be rinsed with potable water in keeping with food authority guidelines.

## Best Practice Procedures

Consult with information from your local health authority for disinfection frequency and procedures. Recommendations made in this document stand subject to health authority instructions.

## Touch Points

Touch points should be treated more frequently in accord with the frequency of usage or traffic. Spray to thoroughly wet the surface with Thymox. Dislodges body oils and grime and provides the very best disinfection outcome.

## Expiry Dates

Thymox- has a 12 month expiry date.



Actichem Pty Ltd  
11 Gamma Close Beresfield NSW 2322  
+61 2 4966 5516 | [www.actichem.com.au](http://www.actichem.com.au)  
[info@actichem.com.au](mailto:info@actichem.com.au)