Micrylium
PROFESSIONAL DISINFECTION

MADE IN
FABRIQUÉ AU
CANADA

- Non-Toxic
- Cleans & Disinfects
- Protects Equipment

# BioTEXT™ WIPES

3 MINUTE CONTACT TIME

DIN 02442329

## UNIVERSAL ONE-STEP
### CLINICAL SURFACE DISINFECTANT WIPES

BioTEXT™ is the only ready-to-use broad spectrum hospital and food grade clinical disinfectant wipe specifically formulated for use on delicate or irregular surfaces. It is proven to kill benchmark organisms on Naugahyde, leather, vinyl, plastic and rubber surfaces. Ideal for tubing, fabrics, carpets, chairs and other high touch surfaces such as keyboards and glass touch screen devices. BioTEXT™ has a pleasant fresh scent.

**VIRUCIDAL • BACTERICIDAL • FUNGICIDAL • TUBERCULOCIDAL**

## FASTER

**ONE-STEP Disinfection**
Clean & disinfect in one step enabling quicker turn around times and less product wastage.

**3 Minute Contact Time**
Fast broad spectrum surface disinfectant kill time across all four pathogen categories.

**Broad Spectrum Disinfectant**
Effective against TB, HBV, HCV, HIV, STAPH, COVID-19, MRSA, Fungi & more.

## SAFER

**Protect & Rejuvenate**
Safe on leather, vinyl, naugahyde & plastic. Will not crack or discolour surfaces.

**Non-Streaking Formulation**
Clean & disinfect without streaking or damaging your glass or plastic surfaces.

**Safer for Users**
Does not contain quats, phenols, peroxides or aldehydes. Is a non-toxic disinfectant made from plant-based ingredients. No PPE necessary.

## KINDER

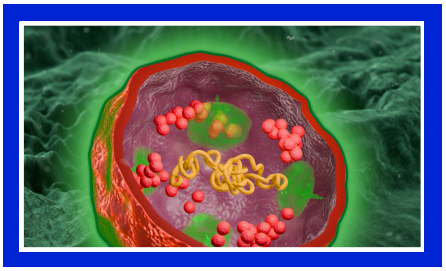
**Environmentally Friendly**
All products are made with biodegradable, plant-based ingredients.

**Certified Biodegradable**
All ingredients are certified USP Pharma grade and/or food grade quality.

**Recyclable Packaging**
Wipe and canister materials are fully recyclable.

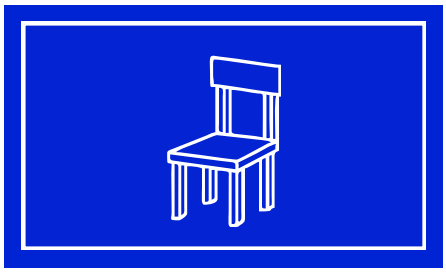
# UNIVERSAL ONE-STEP
## CLINICAL SURFACE DISINFECTANT WIPES

### THE SURFOL



SurfOL, Micrylium's proprietary surfactant, eliminates the air between the disinfectant and the surface to be cleaned. This allows for the immediate contact of the disinfectant and the flattened pathogen. **The result is a faster kill time.**

### THE CHAIR THEORY



Micrylium's product development strategy is based on **"The Chair Theory"**. The four legs of the chair, which keep it balanced, are the four major categories of pathogens. The kill times advertised on competitor products reflect the pathogens with the fastest results. For example; competitors may achieve a 1-minute kill on TB and 15 minutes on Polio-virus but advertise only 1-minute. **We advertise a kill time that balances the kill rates of all 4 pathogens.**

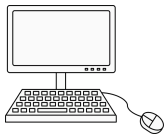
### PROTECTIVE COATING

BioTEXT™ wipes contain Micrylium's patented SurfOL that provides a protective coating which is designed for your delicate surfaces. This technology **protects your soft surfaces** leaving them rejuvenated and looking like new.

### HOW TO USE

1. Remove canister lid by opening the wipe's tab, hold cover hinge and pull upward. Remove foil seal and from centre, pull up a wipe.
2. Thread wipe through opening in the top. Replace the top with about 2 cm of wipe exposed. To avoid loss of solution, keep centre cap cover closed when wipes not in use.
3. Wipe all areas thoroughly with a BioTEXT™ Wipe and leave untouched for 3 minutes at room temperature. Consult the SDS for full details of product before use.
4. Cleaning & Disinfecting with BioTEXT™ is a one-step procedure. Heavily soiled surfaces should be wiped prior to disinfection.

### WHERE TO USE

1.
   Leather, vinyl and naugahyde chairs and all surfaces
2.
   Glass, rubber and plastic surfaces
3. 
   Keyboards, light switches and all electronic devices

## PRODUCT SPECIFICATION DATA

| Item Number | Product Description | Packaging |
|---|---|---|
| 01-TXWC-160 | BioTEXT™ Canister Wipe RTU (160 Sheets) | Case of 12 |
| 01-TEXT-060 | BioTEXT™ 60mL Mini Spray Bottle RTU | Case of 10 |
| 01-TEXT-704 | BioTEXT™ 710mL Spray Bottle RTU | Case of 4 |
| 01-TEXT-005 | BioTEXT™ 5L Bag-in-Box RTU | 1 Box |

## CUSTOMER REVIEWS

"BioTEXT™ has been a complete game changer for our clinic partners. Being able to offer a disinfectant that is safe on all surfaces—including sensitive technology—has allowed the highest level of infection control without the long-term worry of damage from harsh chemicals. Plus, it keeps staff safety front and centre."

Rachel Hicks, CEO, Fern Whitening

BTWCA4.31.10.25

KINDER SAFER FASTER

**Manufactured By**
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# UNIVERSAL ONE-STEP
## CLINICAL SURFACE DISINFECTANT WIPES

### TESTING

Micrylium disinfectants are lab tested for their contact times in the presence of fresh human whole blood. Most competitive disinfectants are tested on animal blood because the protein in human blood neutralizes their effectiveness. The most difficult benchmark is TB which BioTEXT™ effectively kills in less than 180 seconds. Gram-negative biofilm formers (Pseudomonas sp.) are neutralized in 180 seconds.

### IRREGULAR SURFACES

BioTEXT™ is specifically designed to disinfect vinyls, naugahydes, glass and plastics. These surfaces are irregular in contrast to counters and trays. Quats, Phenols and hydrogen peroxide disinfectants may dry and crack these surfaces. Many times these irregular surfaces are treated with water repellent protective coatings. Disinfectants that are diluted with water bead up and are thus ineffective. Using BioTEXT™ effectively kills pathogens while protecting your delicate surfaces.

### THE WIPE

The BioTEXT™ Wipe is a non-bleached biodegradable spunlace fiber designed to work effectively with the BioTEXT™ solution. It is soft and absorbent, allowing for a smoother and even application on surfaces. Its large 6x6.5" sheet is easier for clean ups

## CONTACT TIME

| Pathogen Type | Strain | Effective Contact Time |
|---|---|---|
| Bacteria | Salmonella choleraesuis (ATCC 10708) | 180 seconds |
| Bacteria | Pseudomonas aeruginosa (ATCC 15442) | 180 seconds |
| Bacteria | Staphylococcus aureus (ATCC 6538) | 180 seconds |
| Bacteria | Pseudomonas aeruginosa (ATCC 15442) | 180 seconds |
| Bacteria | Escherichia coli (CTC 10541) | 180 seconds |
| Mycobacterium | Mycobacterium bovis (BCG) | 180 seconds |
| Mycobacterium | Mycobacterium terrae (ATCC 15755) | 180 seconds |
| Mycobacterium | Mycobacterium tuberculosis var; bovis (BCG) (*Tuberculocidal activity) | 180 seconds |
| Mycobacterium | Mycobacterium smegmatis (*Tuberculocidal activity)(PN 1034) | 10 minutes |
| Fungi | Trichophyton mentagrophytes (ATCC 9533) | 180 seconds |
| Fungi | Trichophyton menghini (ATCC 12106) | 180 seconds |
| Fungi | Candida albicans candida auris | 180 seconds |
| Virus | Canine Parvovirus (CPV-265) | 300 seconds |
| Virus | Coronavirus 2 (SARS-CoV-2) | 30 seconds |
| Virus | Coronavirus 19 (SARS-CoV-19) | 30 seconds |

Note: Initial Formulation Batch (aged 60 days) tested on 60 replicates as indicated in AOAC method 955.15 for confidence level of 95%.
Each Production Batch is tested with 10 replicates (0% failure) to monitor ongoing quality control specifications for each product.
* Testing performed at Nucro-Technics Laboratory, 2000 Ellesmere Road, Unit 16 Scarborough, Ontario
All other tests performed at Micrylium Laboratories, 117 Dolomite Drive, North York, Ontario

Health Canada BioTEXT COVID-19 Certification www.canada.ca/en/health-canada.html

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Contact your Authorized Dealer to order.

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# BioTEXT™ WIPES SDS

## 1. IDENTIFICATION

| | | | | | |
|---|---|---|---|---|---|
| **Product Name** | BioTEXT™ Wipes | | | **Manufacturer** | Micrylium Laboratories Inc. |
| **Registration** | **CAN DIN** | Liquid: | 02442329 | **Address** | 5000M Dufferin Street,<br>Toronto, Canada,<br>M3H 5T5<br>www.micrylium.com |
| | | Wipes: | 02209640 | | |
| | **CH BAG** | | CHZB0163 | | |
| | **DE BAUA** | | N-24686 | | |
| **Indication** | Clinical surface disinfectant | | | **Phone** | 416-667-7040 |
| | | | | **Fax** | 416-667-0071 |
| **Emergency Phone #** | **CHEMTREC** | | | 1-800-424-9300 | **CANUTEC** 1-613-996-6666 |

## 2. HAZARD IDENTIFICATION

| | | | |
|---|---|---|---|
| **Symbol Pictogram** | Not Applicable | **Signal Word** | Not Applicable |
| | | **Symbol** | Not Applicable |
| **Classification** | Not Applicable | | |
| **Health Hazard** | No Serious Health Hazards | **Environmental Hazards** | Biodegradeable |
| Precautionary & Statements | **H302**: Harmful if swallowed.<br>**H317**: May cause an allergic skin reaction.<br>**H336**: May cause drowsiness or dizziness. | **P102**: Keep out of reach of children.<br>**P301**: IF SWALLOWED: Drink large quantities of water or milk.<br>**P305**: IF IN EYES: Flush eyes with large quantities of water. | |

## 3. COMPOSITION

| Chemical | CAS# | LD-50 (Oral, mg/kg)) | Concentration (%) |
|---|---|---|---|
| Ethanol | 64-17-5 | 7,060 (Rat) | 19.9% |
| Chlorhexidine Gluconate | 18472-51-0 | 2,000 (Rat) | 0.1% |

## 4. FIRST AID MEASURES

| | | | |
|---|---|---|---|
| **Inhalation** | If breathing is difficult, remove individual to fresh air. | **Ingestion** | Drink large quantities of milk or water to dilute. Do not induce vomiting. |
| **Skin Contact** | No adverse effects. Slightly drying. | **Eye Contact** | Flush with plenty of water. |

**Most Important Symptoms and Effects (Acute and Delayed)**

May cause acute mild drowsiness, respiratory and/or eye irritation.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

Not Applicable.

## 5. FIREFIGHTING MEASURES

Non-flammable.

## 6. ACCIDENTAL RELEASE

Use all means to prevent spillage. No other specific measures are necessary, provided vapours are not permitted to build up.

## 7. HANDLING & STORAGE

Store in a cool, dry, well-ventilated location. Keep away from heat, sparks and flames. DO NOT mix with bleach or peroxides. Storage and Transport: 0°- 30°C

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

No specific measures required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| Physical State | Colour | Odour | Solidification point | Boiling point OECD 103 | Flash Point ASTM D56 | Density g/ml @ 25°C | pH | Kinematic Viscosity@23°C |
|---|---|---|---|---|---|---|---|---|
| Transparent, Liquid | Blue | Fresh | -10°C | 90°C | 36°C | 0.971 | 9.0 | 12 mm²/s |

## 10. STABILITY AND REACTIVITY

Stable under normal conditions. **Incompatibility:** Strong oxidants, acid chlorides, silver salts. **Decomposition:** Products: $CO_2$, CO

## 11. TOXICOLOGICAL DATA

| | | | |
|---|---|---|---|
| **Acute Dermal Toxicity** | $LD_{50}$ >5000 mg/kg<br>Not found to be dermal sensitizer | **Acute Oral** | $LD_{50}$ >5000 mg/kg |
| **Ocular Irritation** | 0.0 severity after 7 days | **AcuteInhalation Toxicity** | $LC_{50}$: 2.3 mg/L Rat |
| **Reproductive Hazards** | Ingestion/inhalation can be harmful. (TDLo 300mg/Kg Ethanol) | **Carcinogenicity** | Ingestion of Ethanol IARC Group1. |

Tests Performed by Product Safety Labs, Dayton, NJ USA

## 12. ECOLOGICAL INFORMATION

Surfactants are readily biodegradable in soil and water. Persistence unlikely based on available data.

| | | | | |
|---|---|---|---|---|
| Ethanol | EC50 (72h) = 275 mg/l<br>(Chlorella vulgaris) | Fathead minnow<br>(Pimephales promelas)<br>LC50 = 14200 Mg/L/96h | Photobacterium Phosphoreum:EC50 = 34634 Mg/L/30 min<br>Photobacterium Phosphoreum:EC50 = 35470 Mg/L/5 min | EC50 = 9268 mg/L/48h<br>EC50 = 10800 mg/L/24h |

## 13. DISPOSAL CONSIDERATIONS

Domestic.

## 14. TRANSPORT INFORMATION

Not regulated

| | Land | Sea | Air (IATA) |
|---|---|---|---|
| N/A | N/A | N/A | N/A |
| | N/A | N/A | N/A |
| | N/A | N/A | N/A |

## 15. REGULATORY INFORMATION

TSCA – No reporting required.

CERCLA – No hazardous pollutants or ozone depletion.

## 16. OTHER INFORMATION

The information and recommendations contained herein are based on information believed to be correct.
It is offered in good faith, without guarantee. Micrylium Laboratories Inc. make no warranty expressed or implied.